

Figure 1

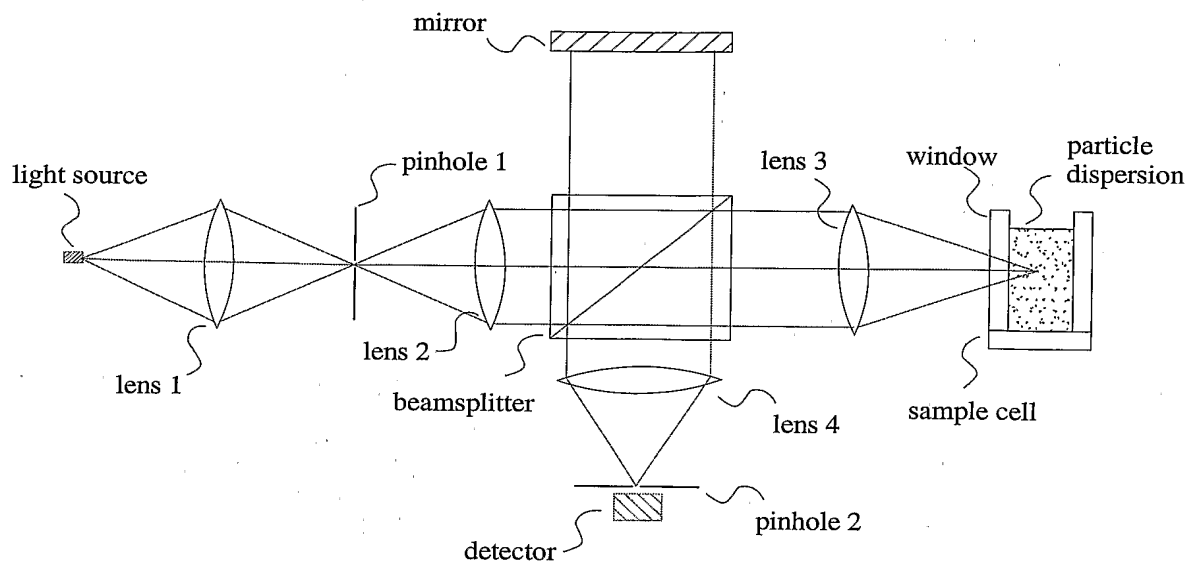
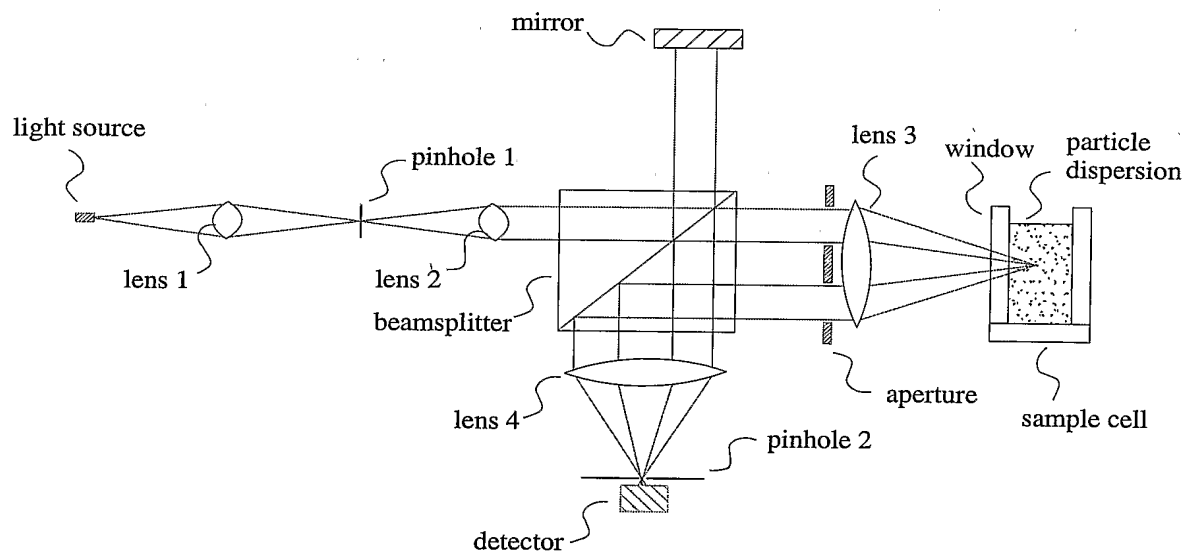
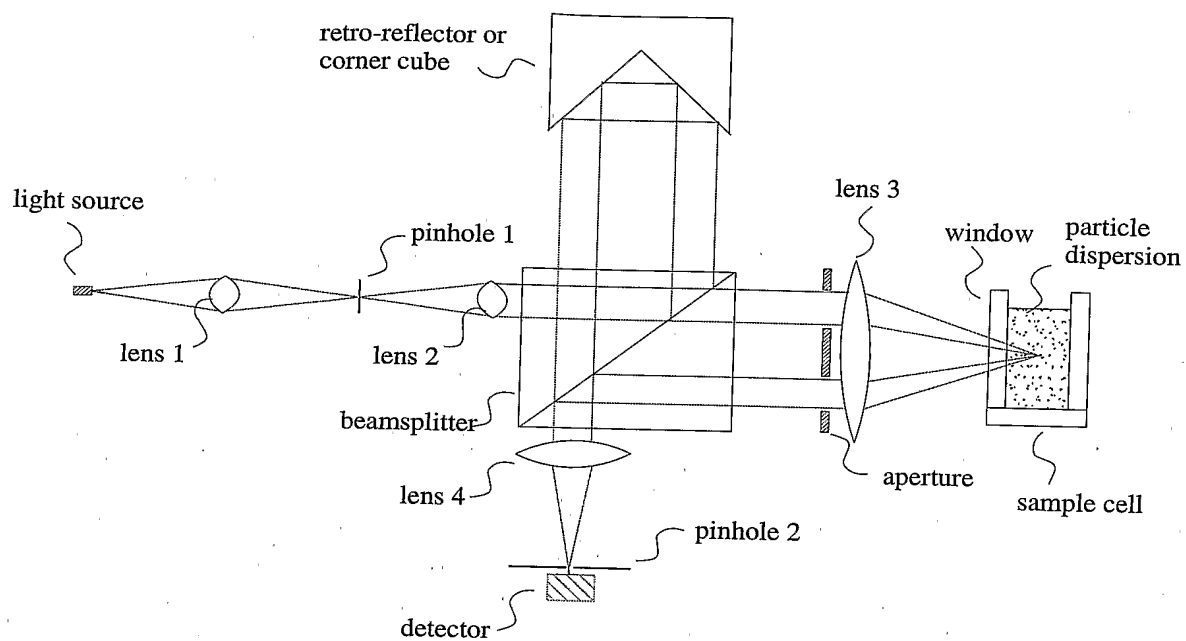
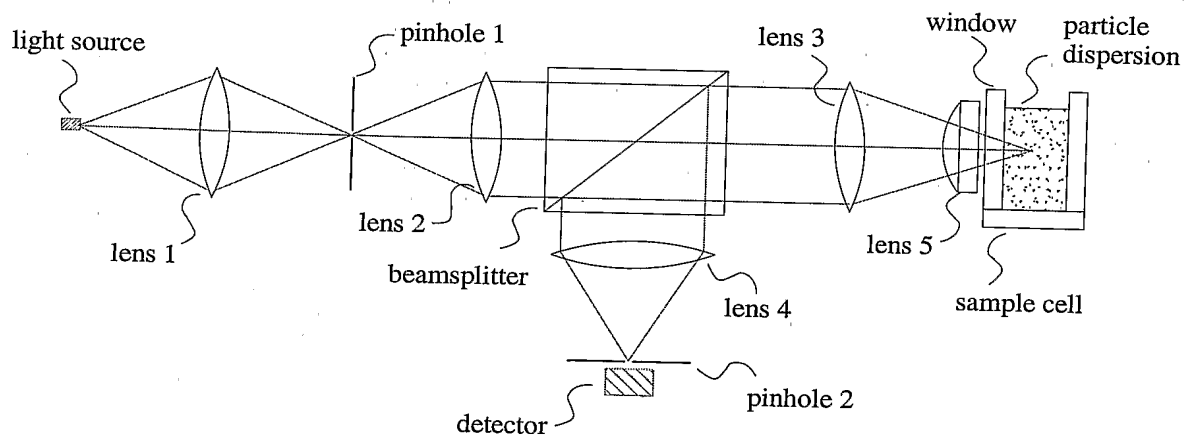
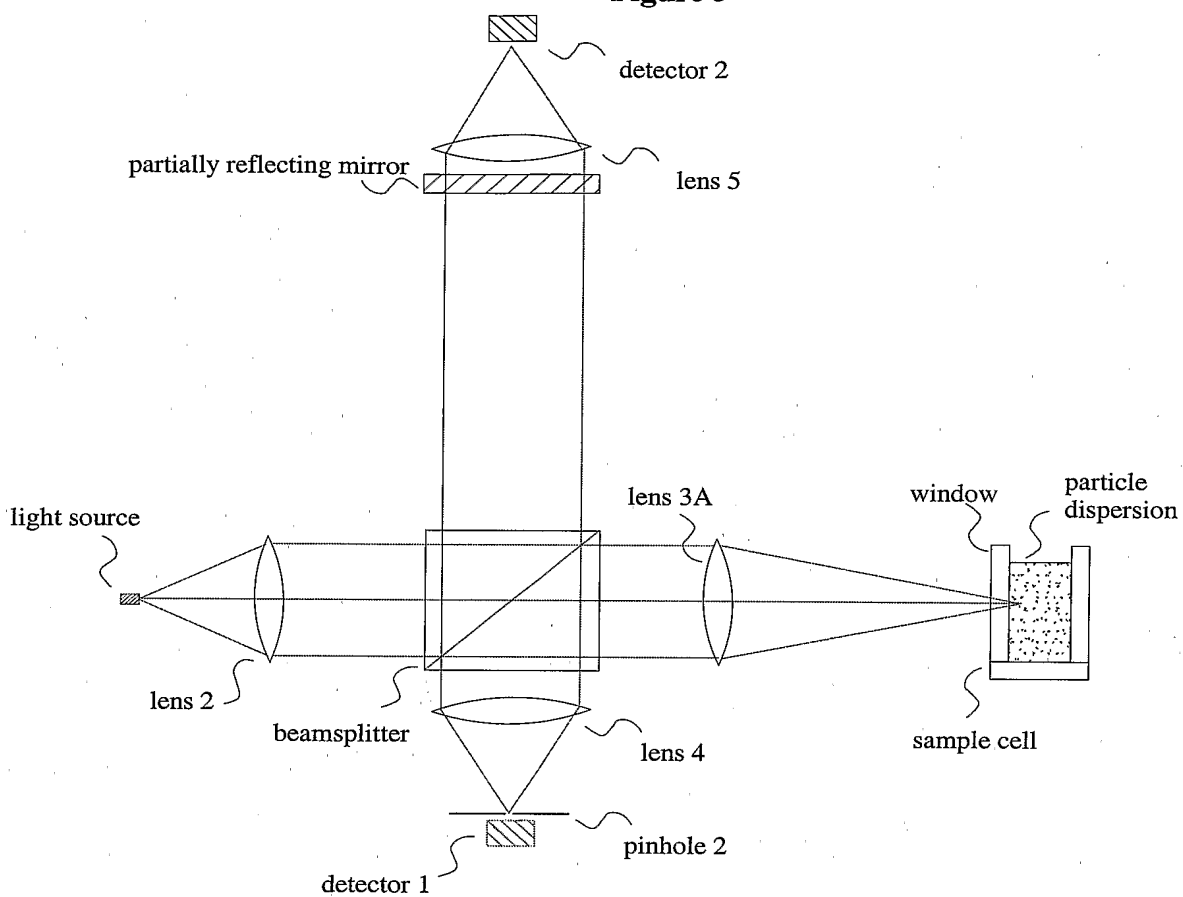


Figure 2



**Figure 3****Figure 4**

**Figure 5**

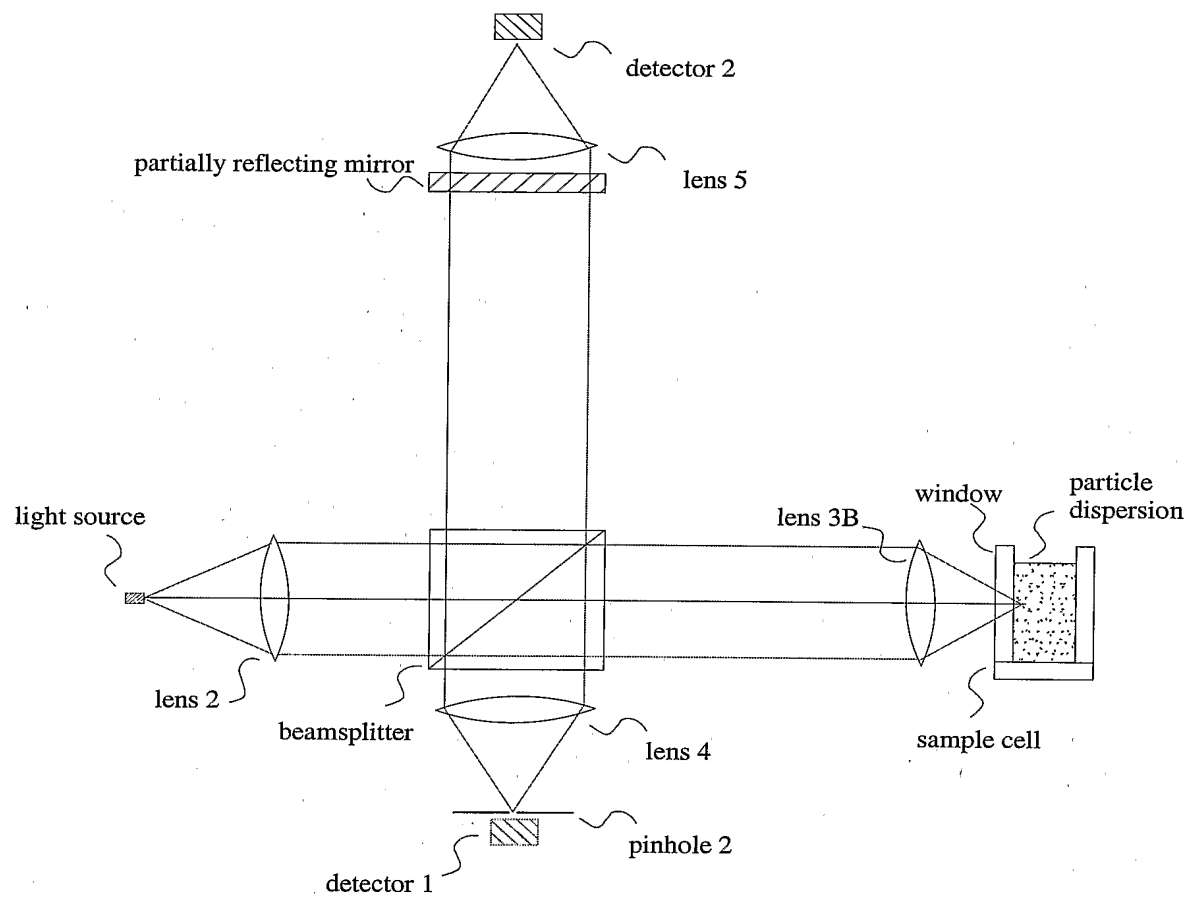
**Figure 6**

Figure 7

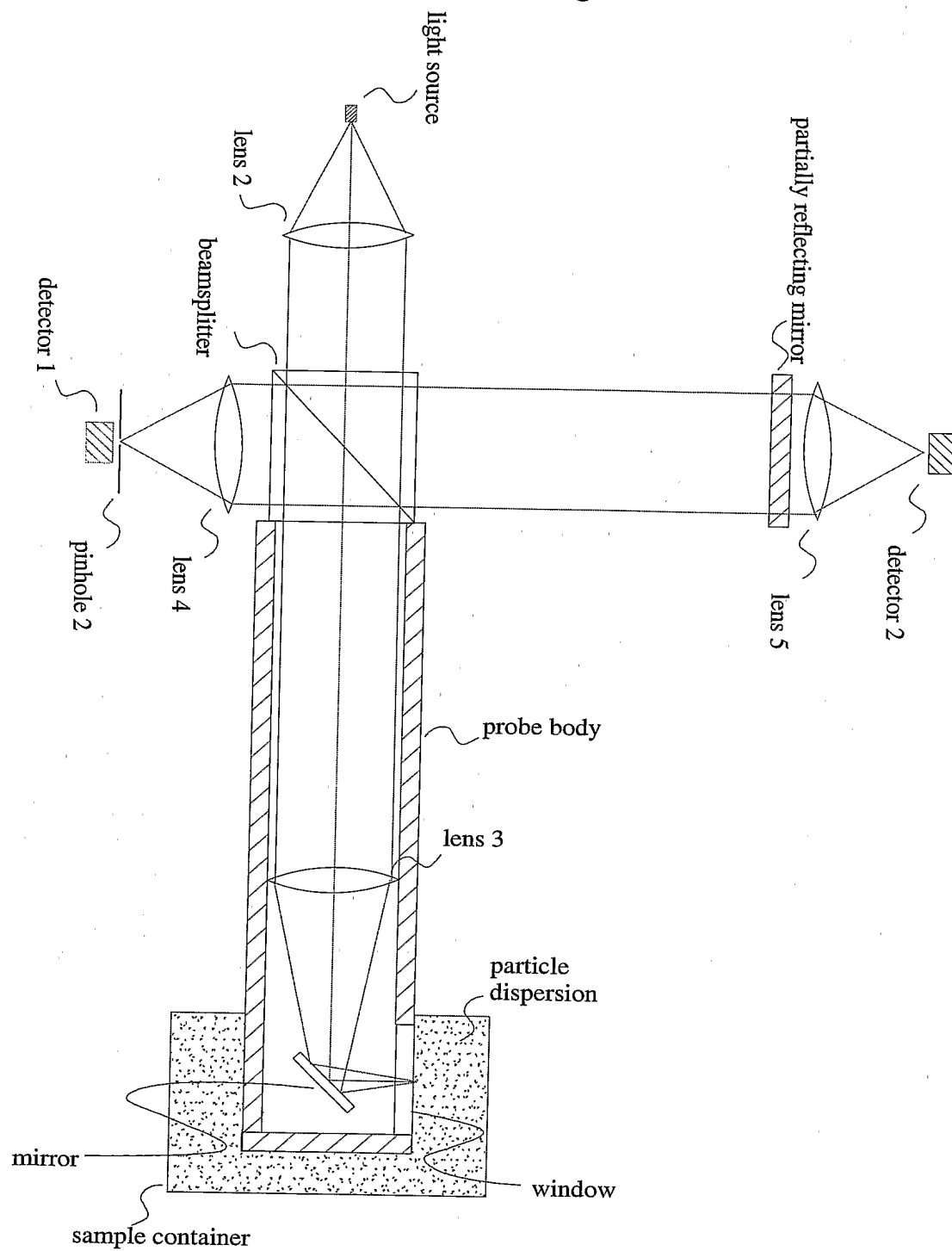
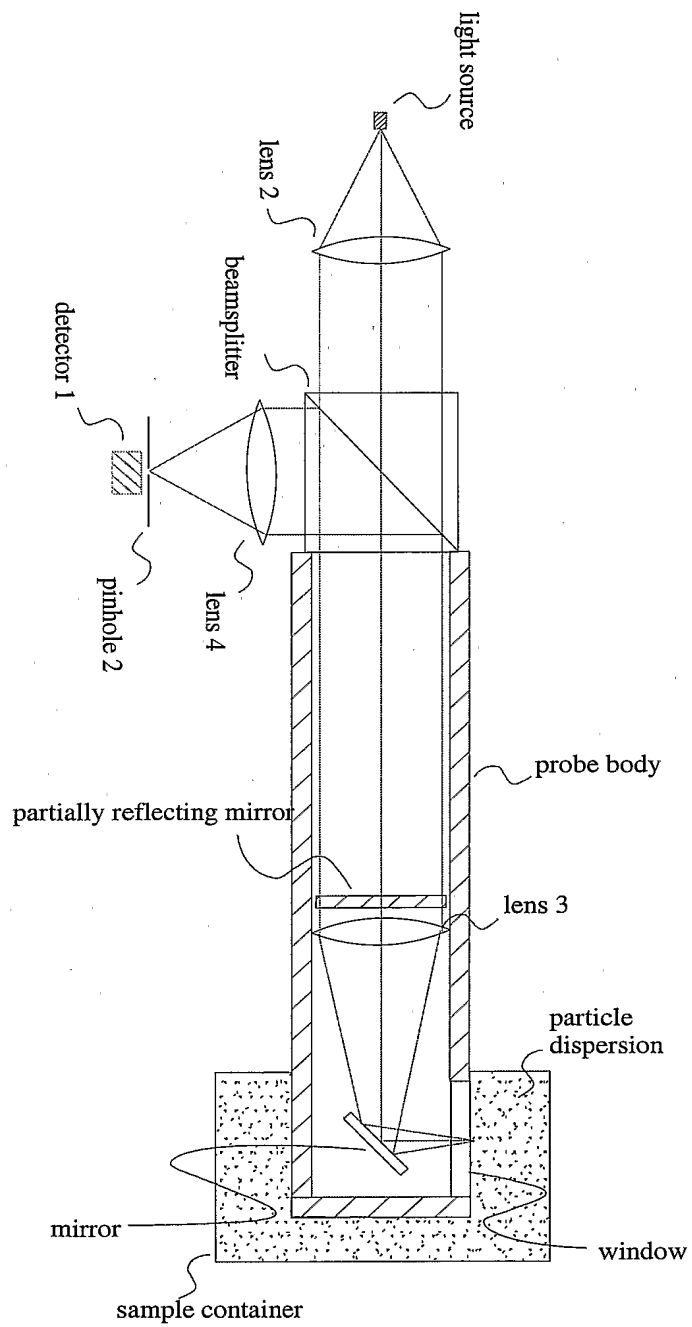


Figure 8



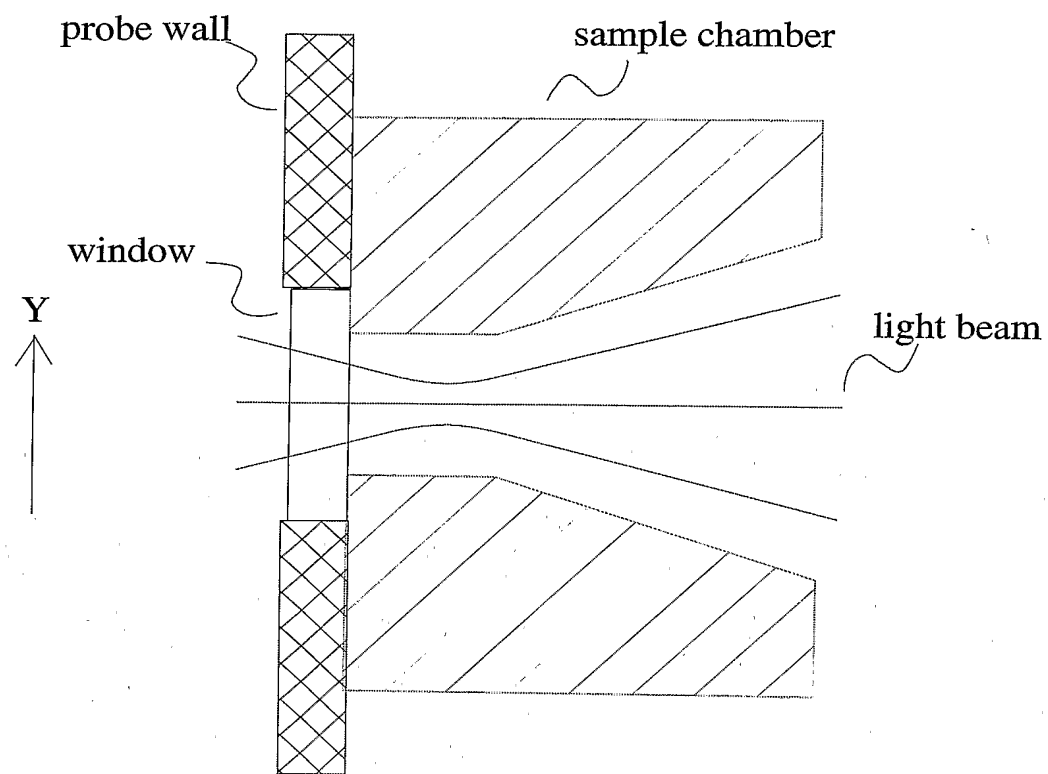
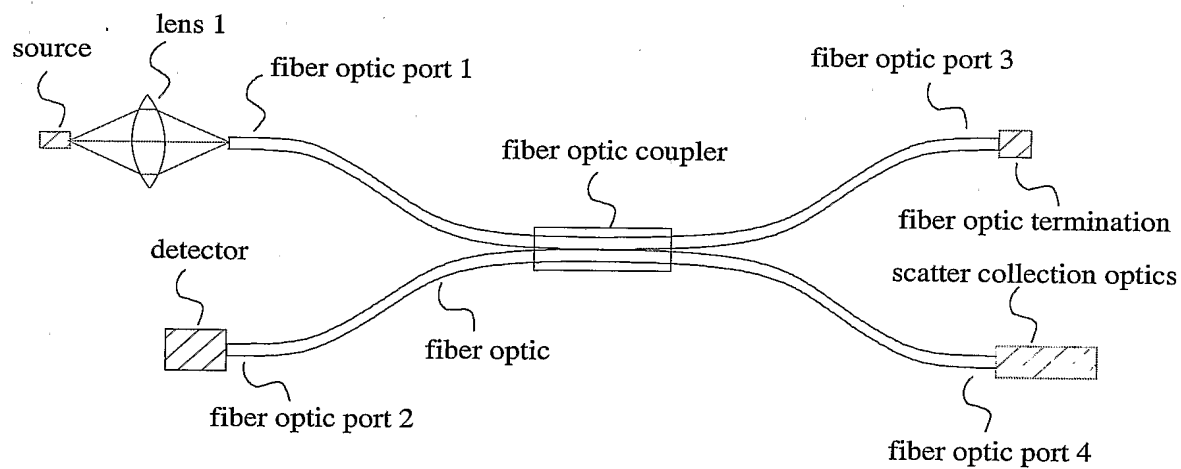
**Figure 9****Figure 10**

Figure 11A

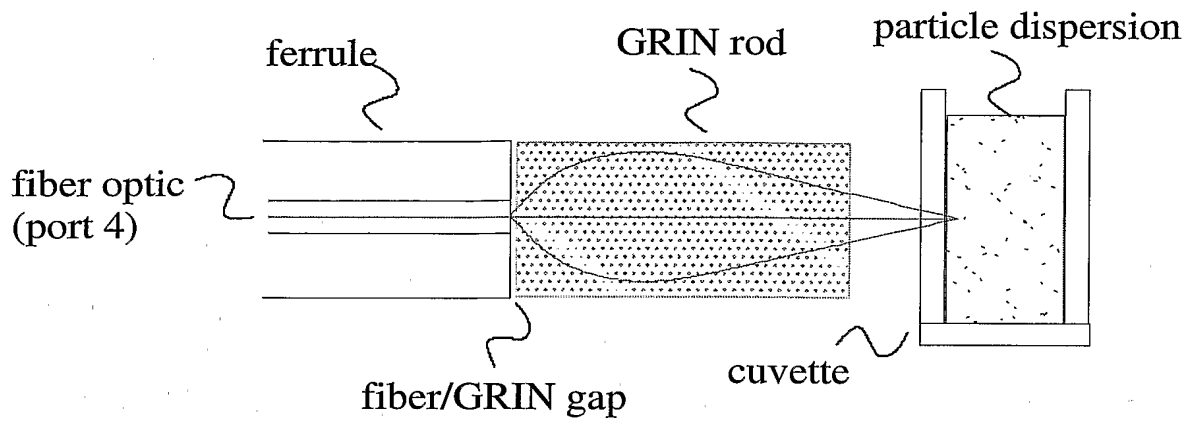
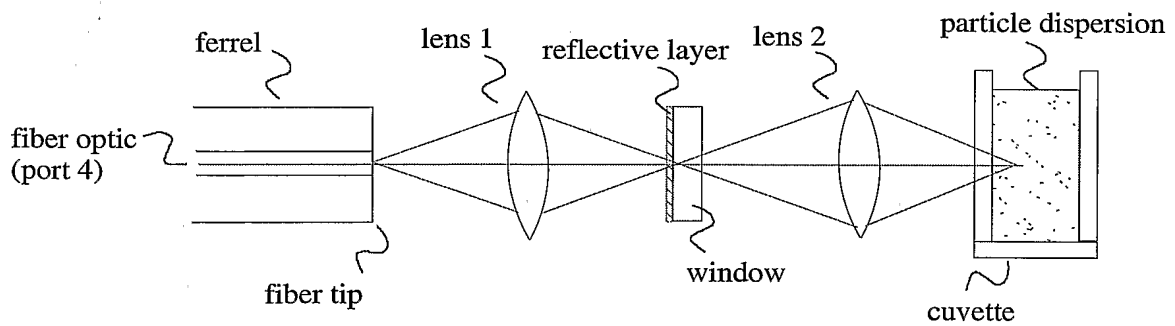
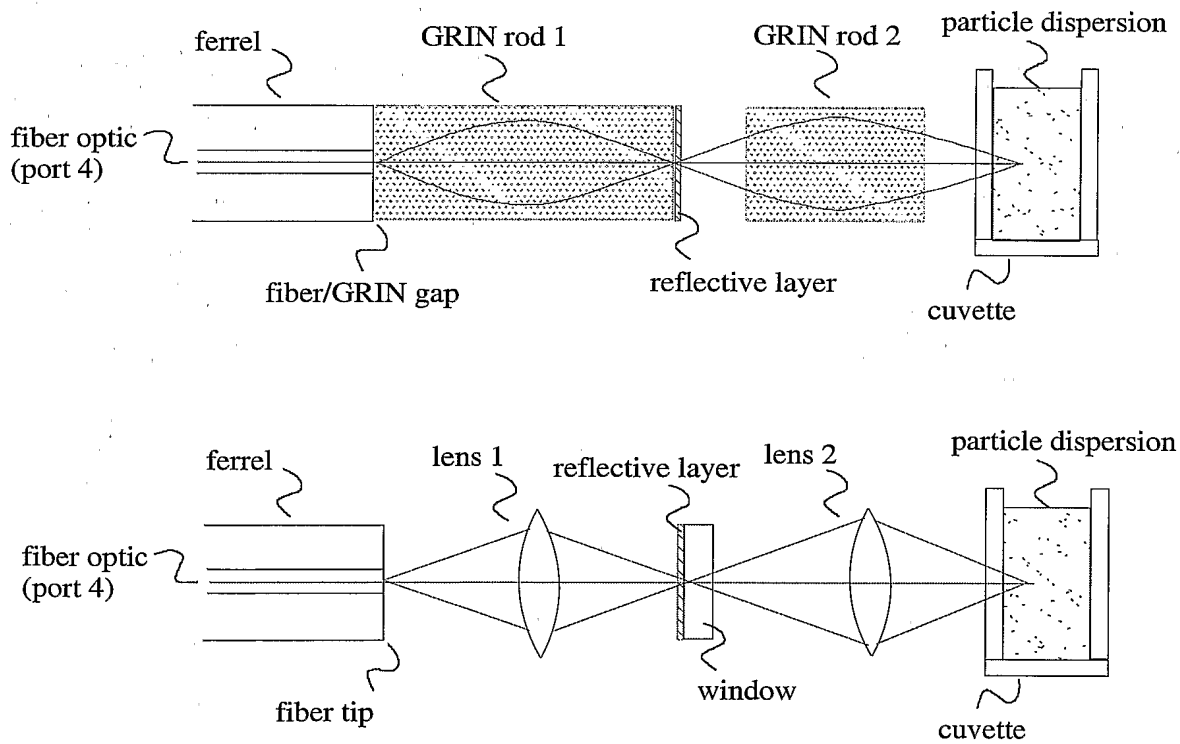
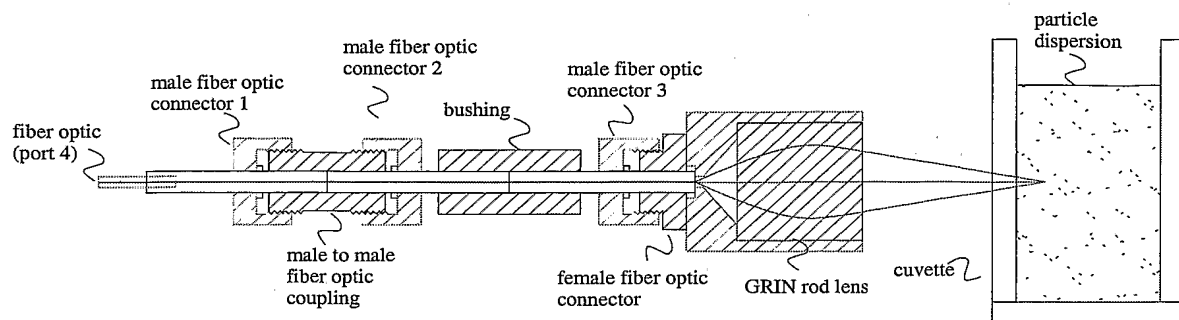
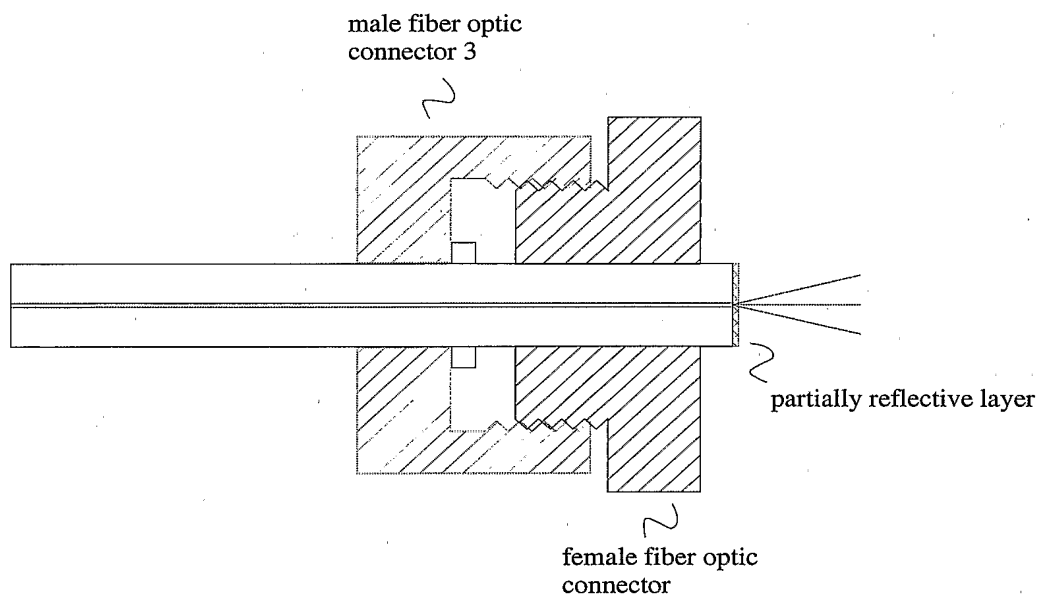


Figure 11B





**Figure 12****Figure 13**

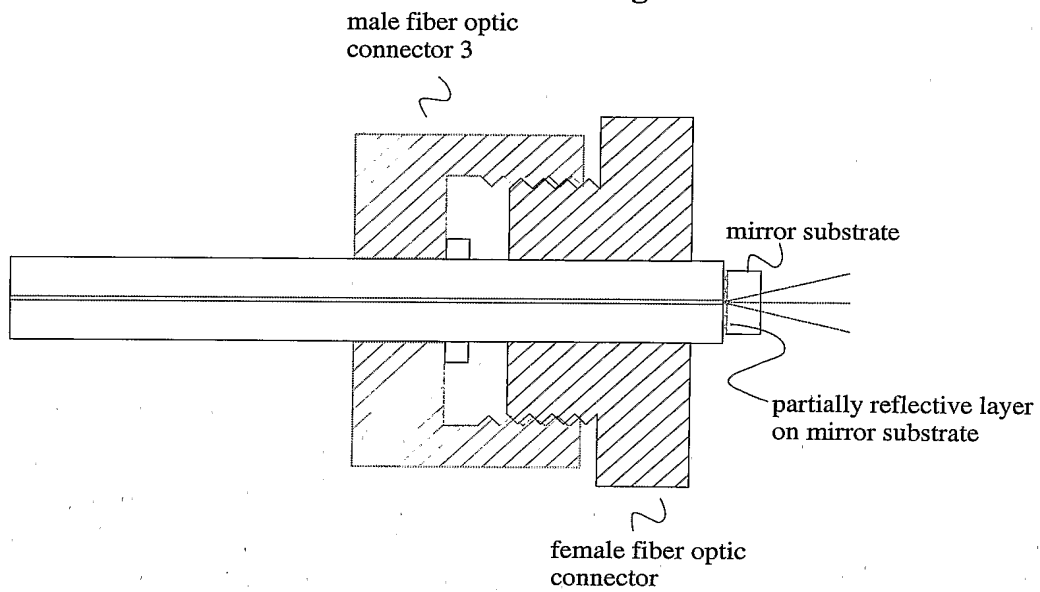
**Figure 14**

Figure 15

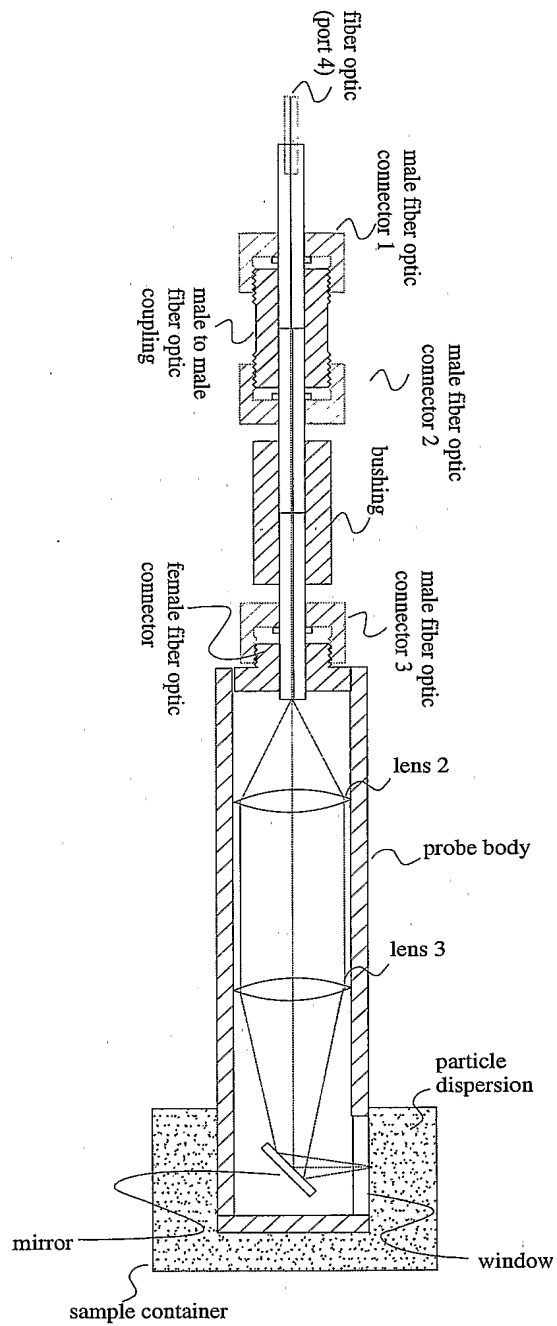


Figure 16

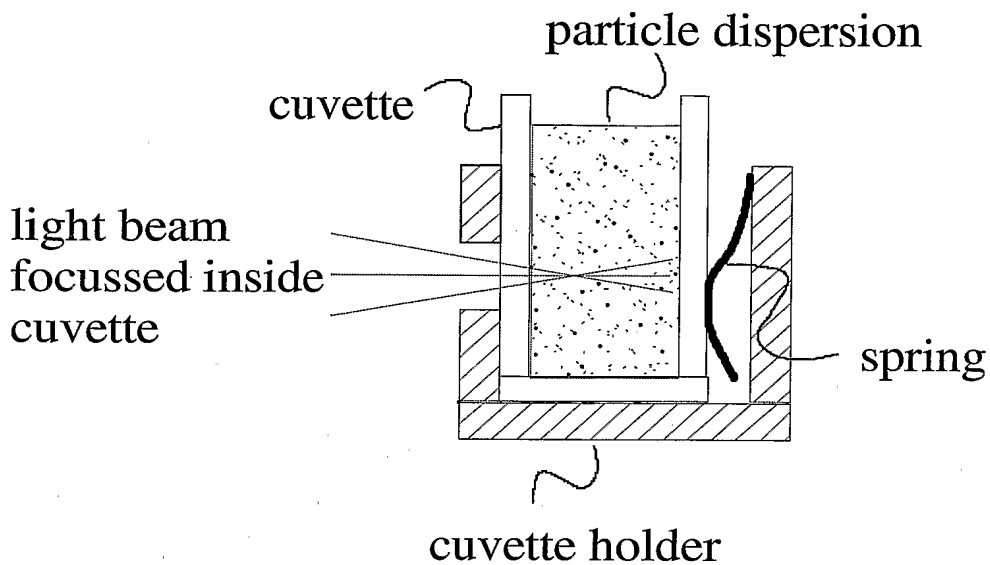


Figure 17

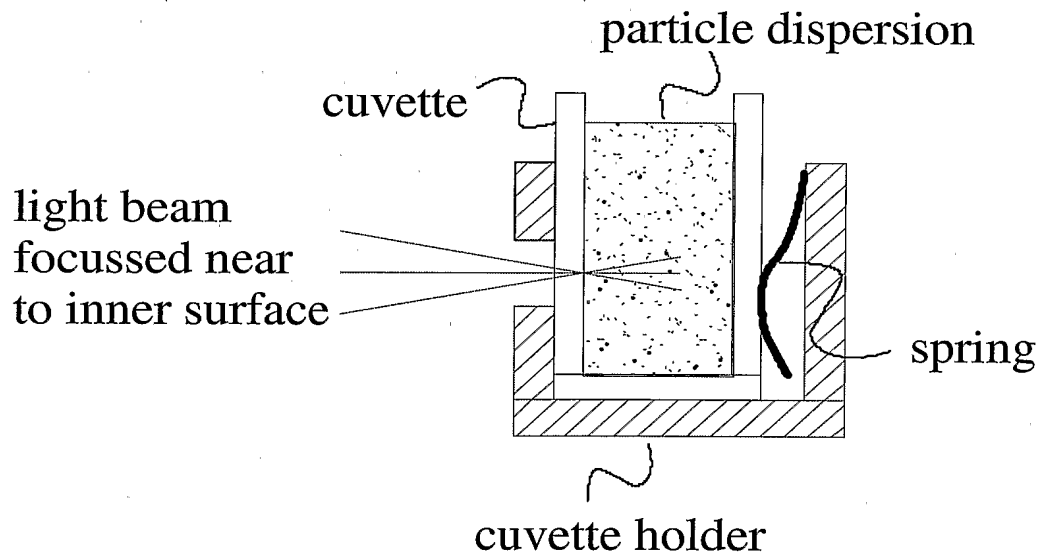


Figure 18

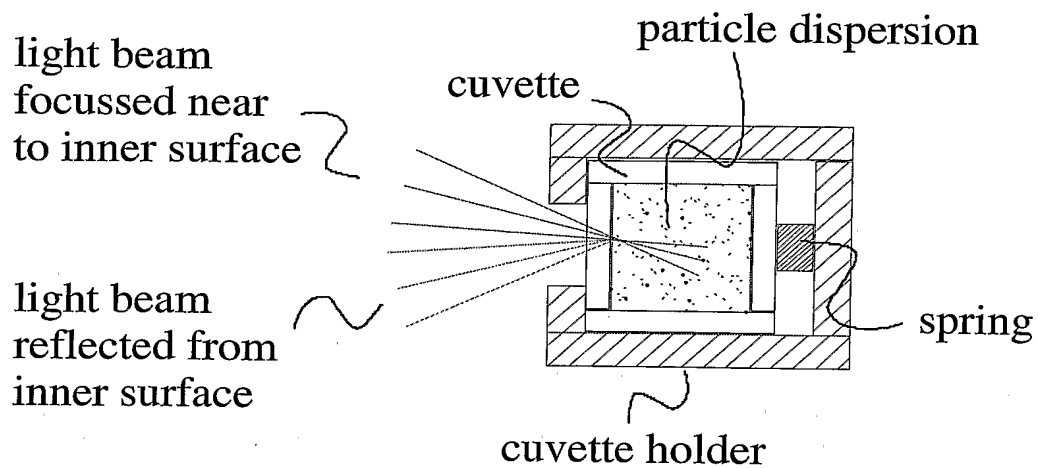


Figure 19

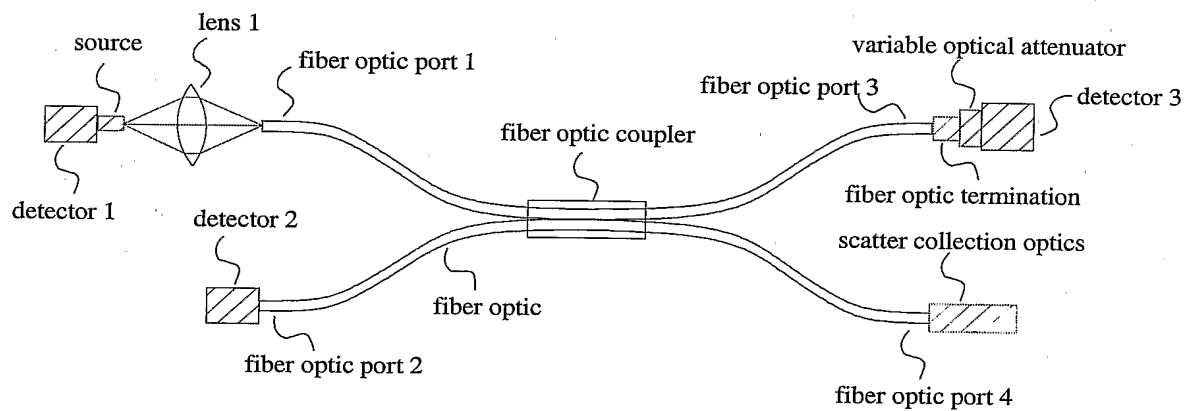


Figure 20

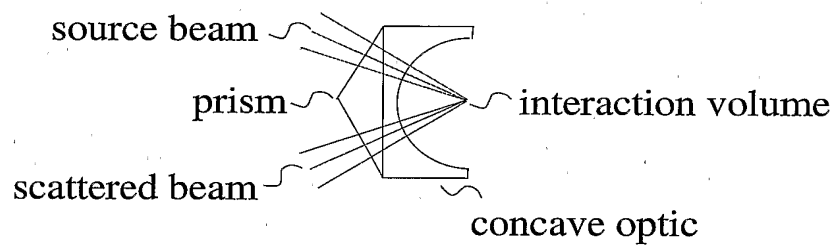
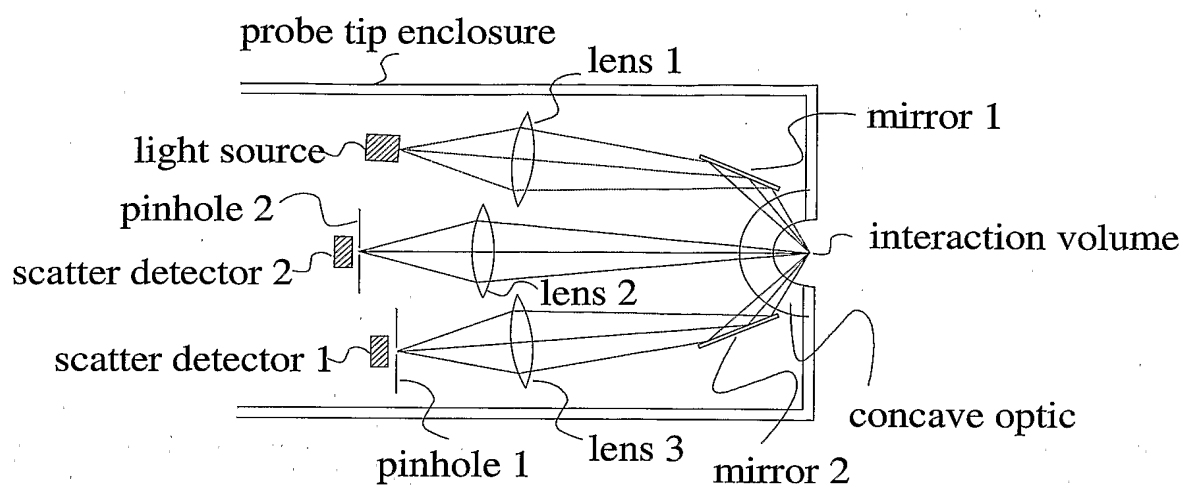


Figure 21

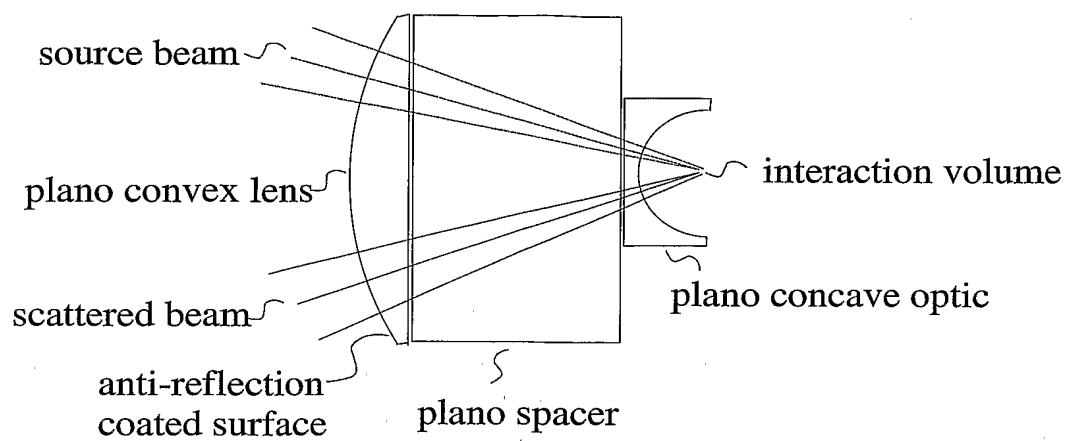


Figure 22

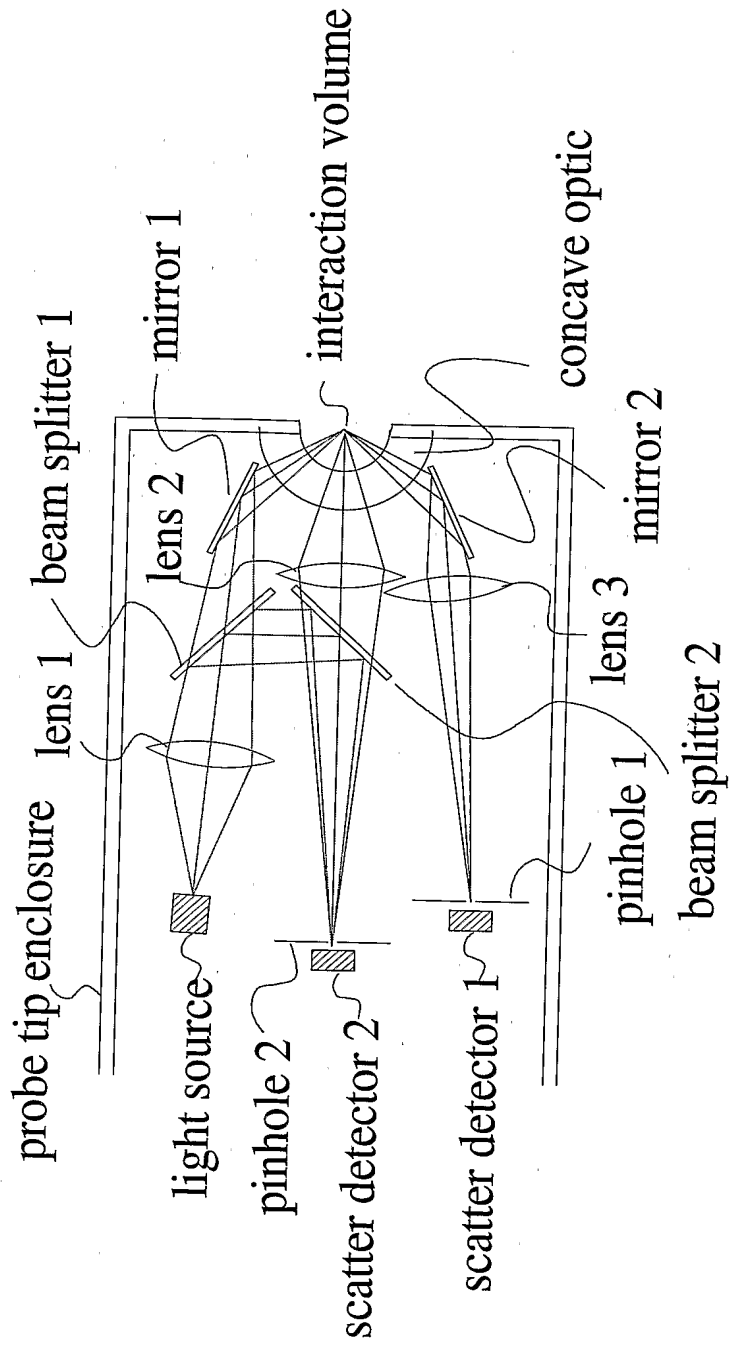




Figure 23

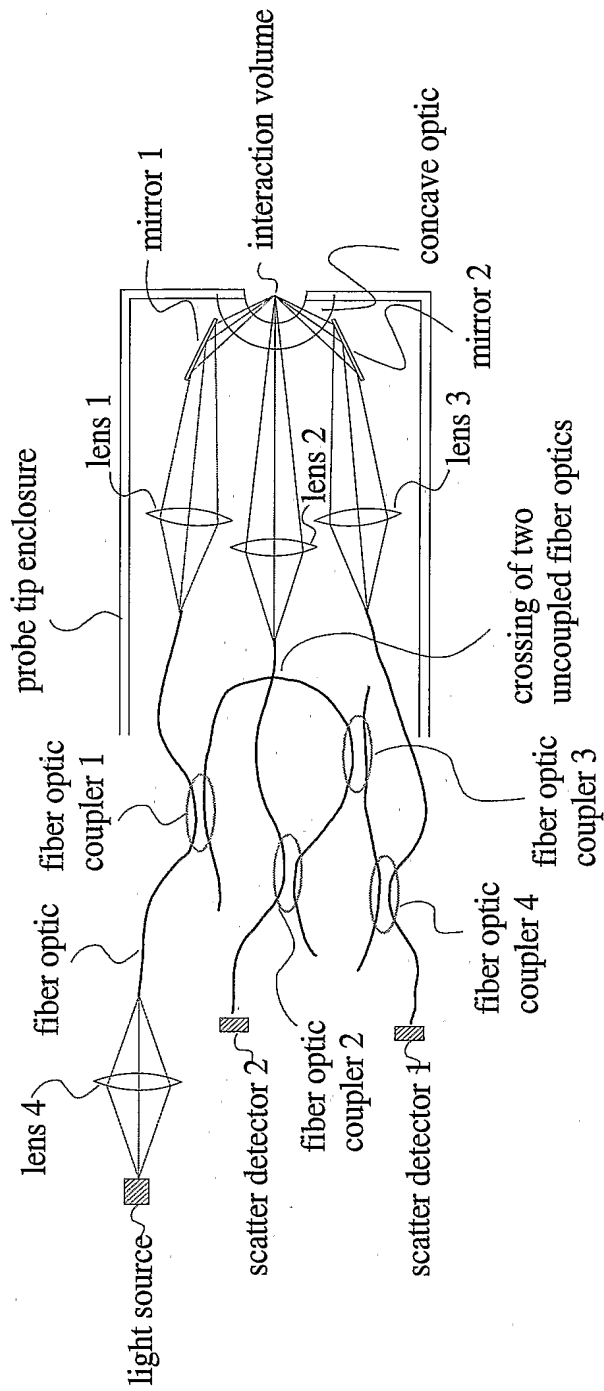


Figure 24

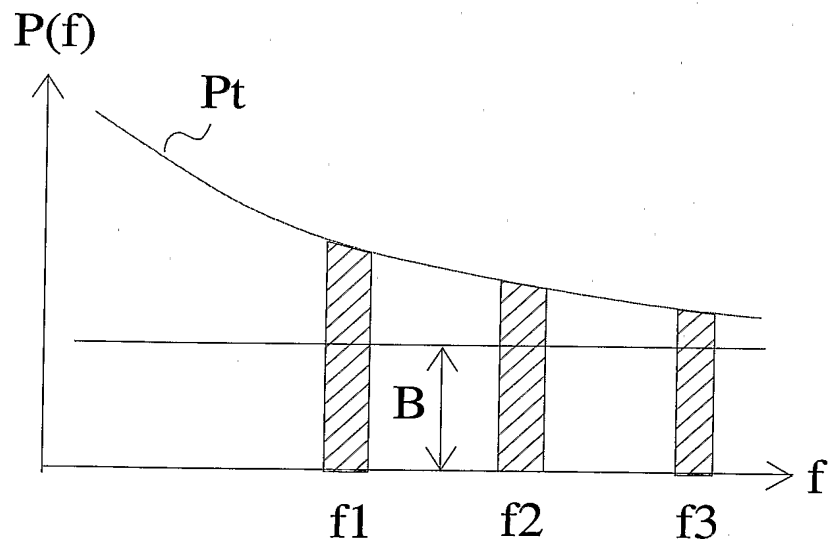
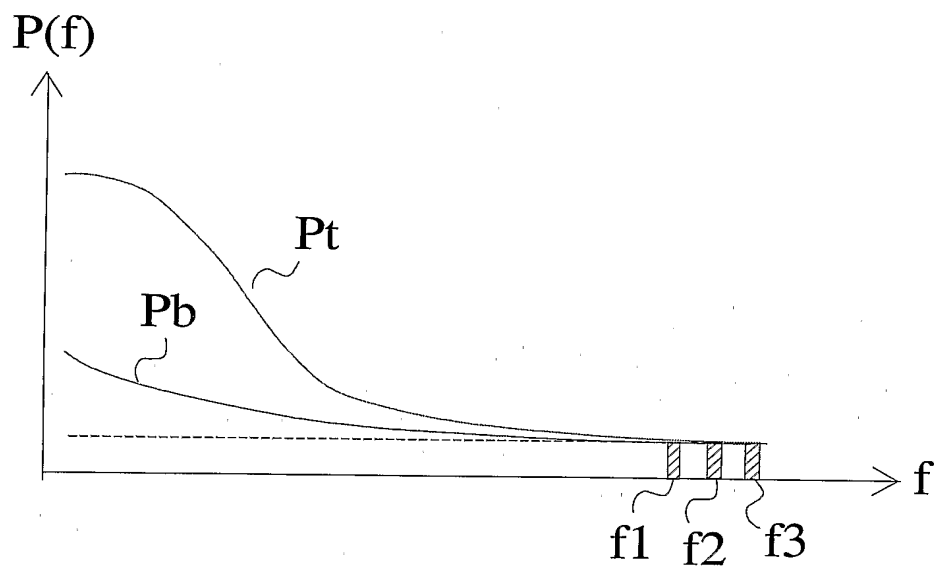


Figure 25

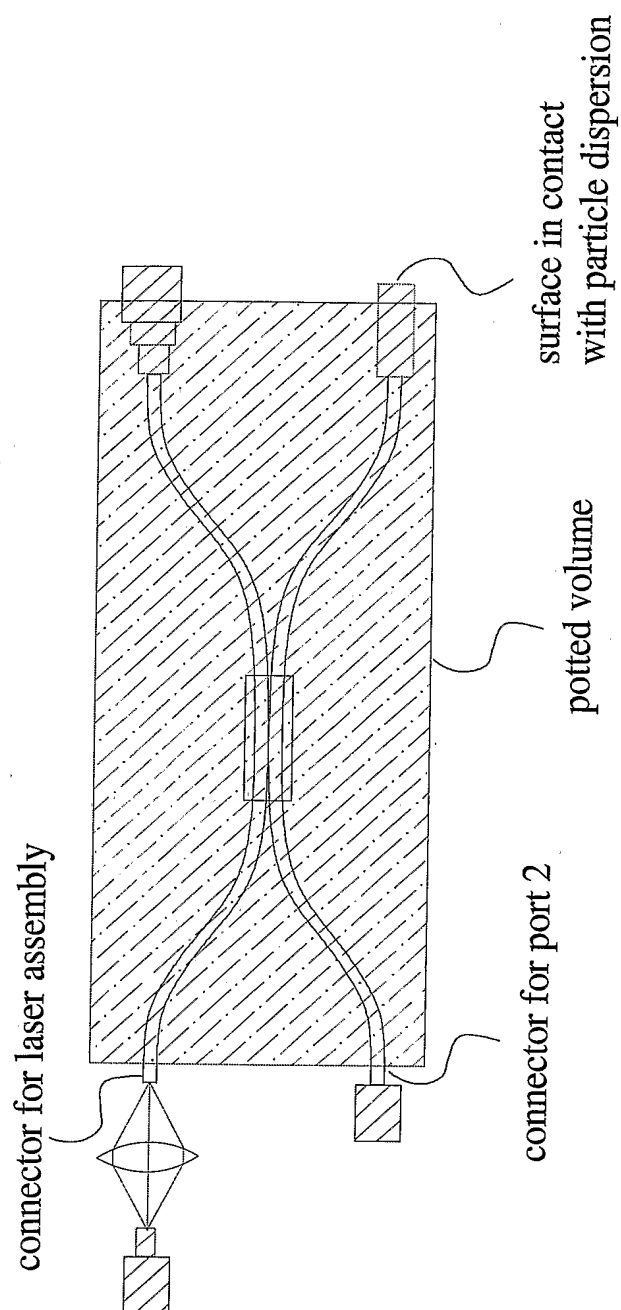


Figure 26

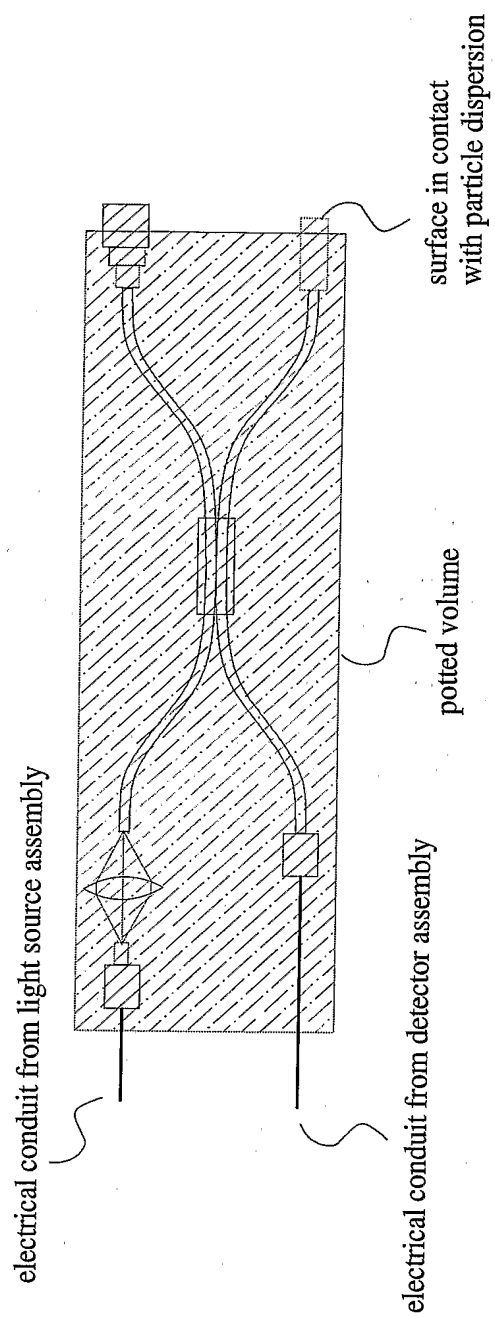


Figure 27

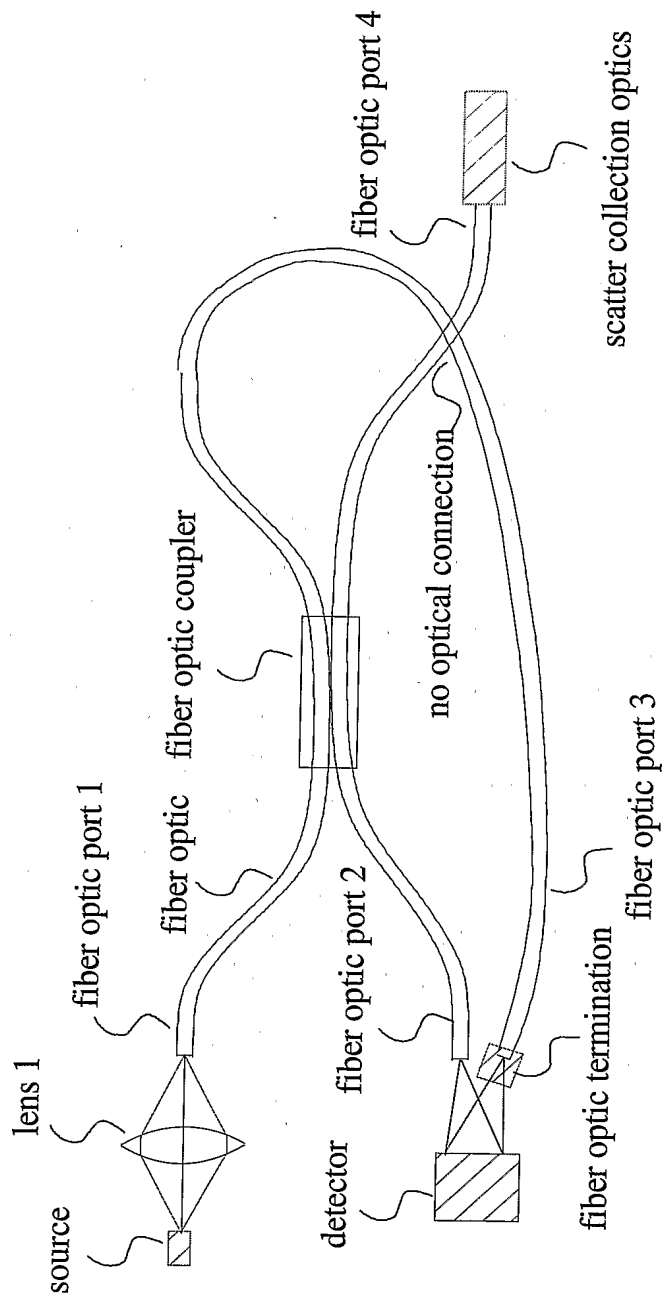


Figure 28

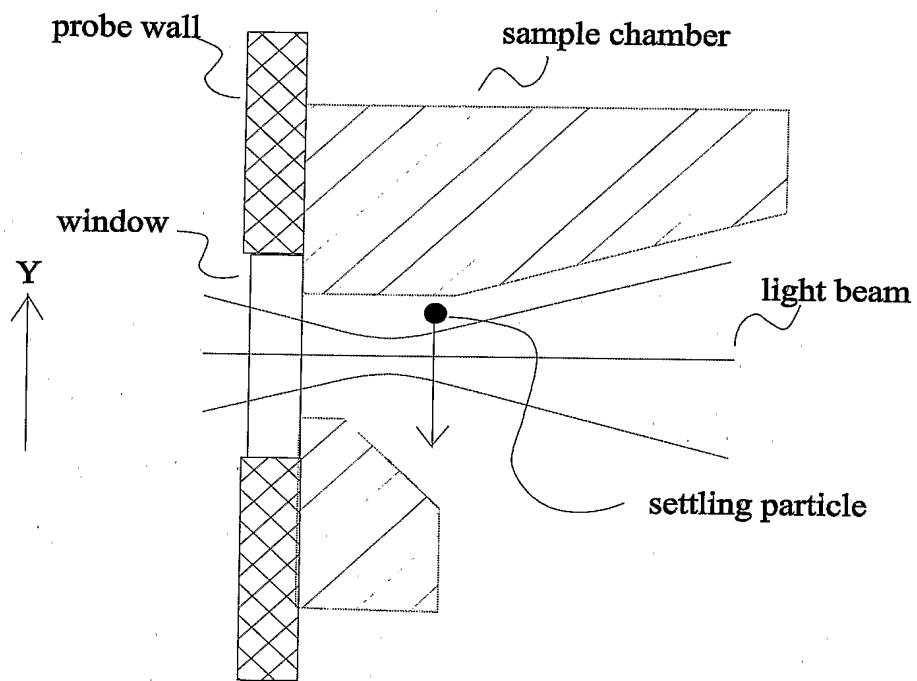


Figure 29

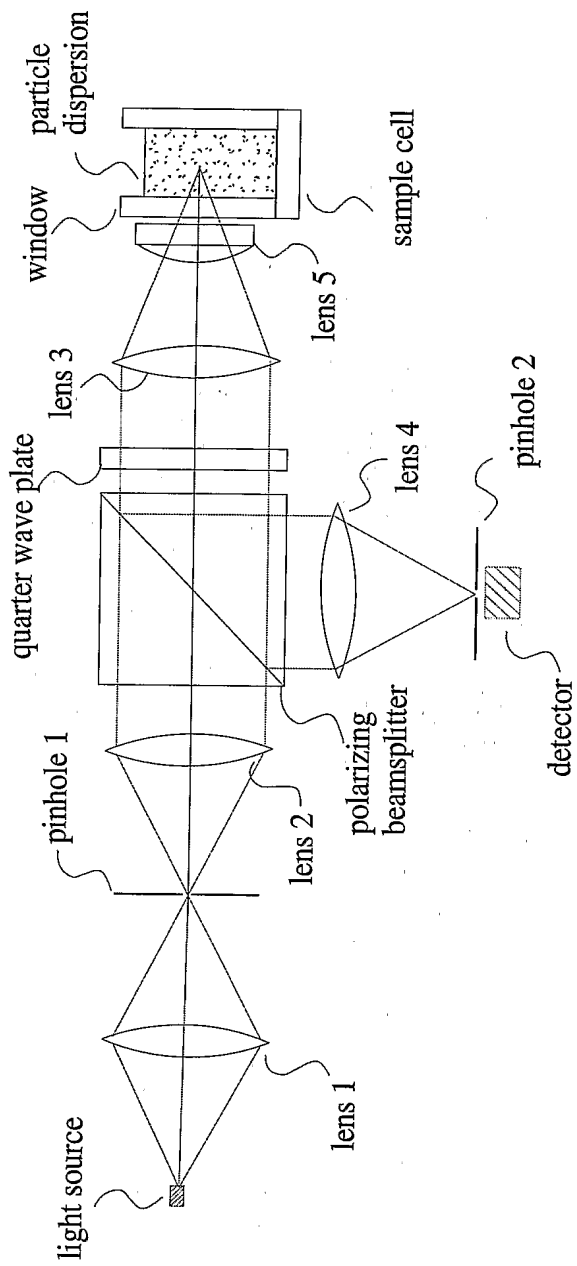


Figure 30

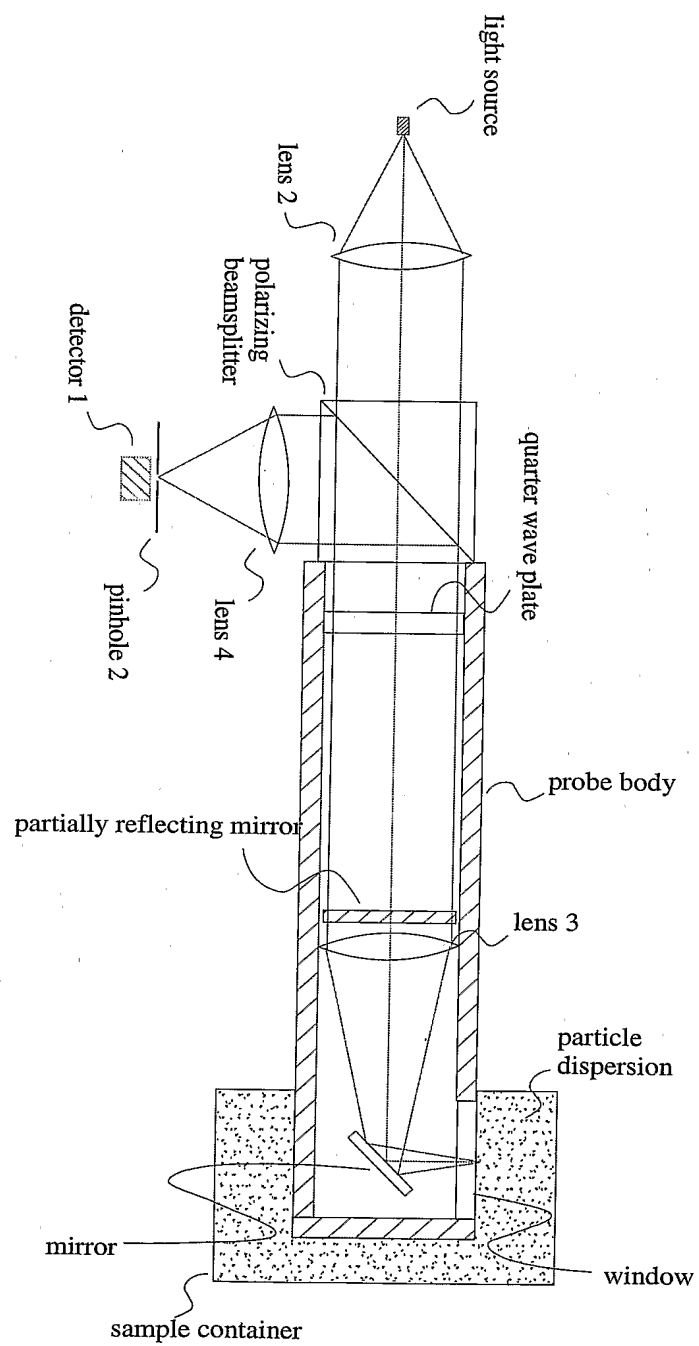




Figure 32

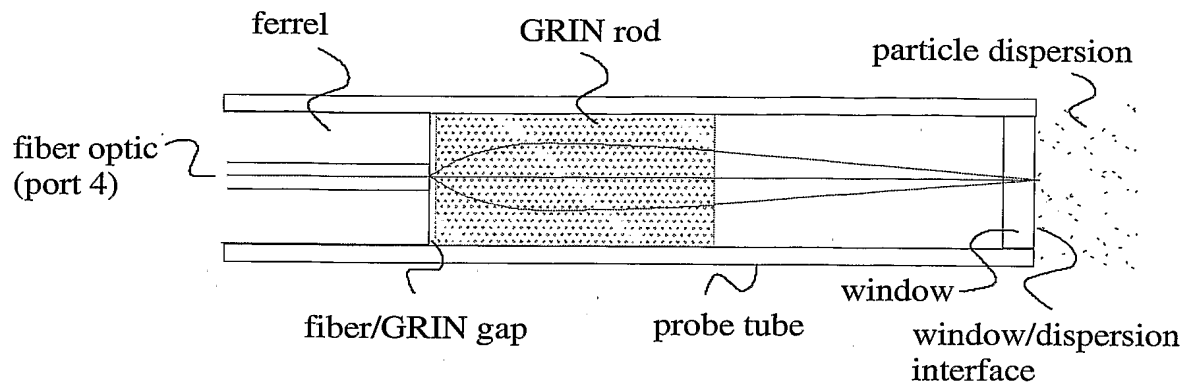




Figure B2

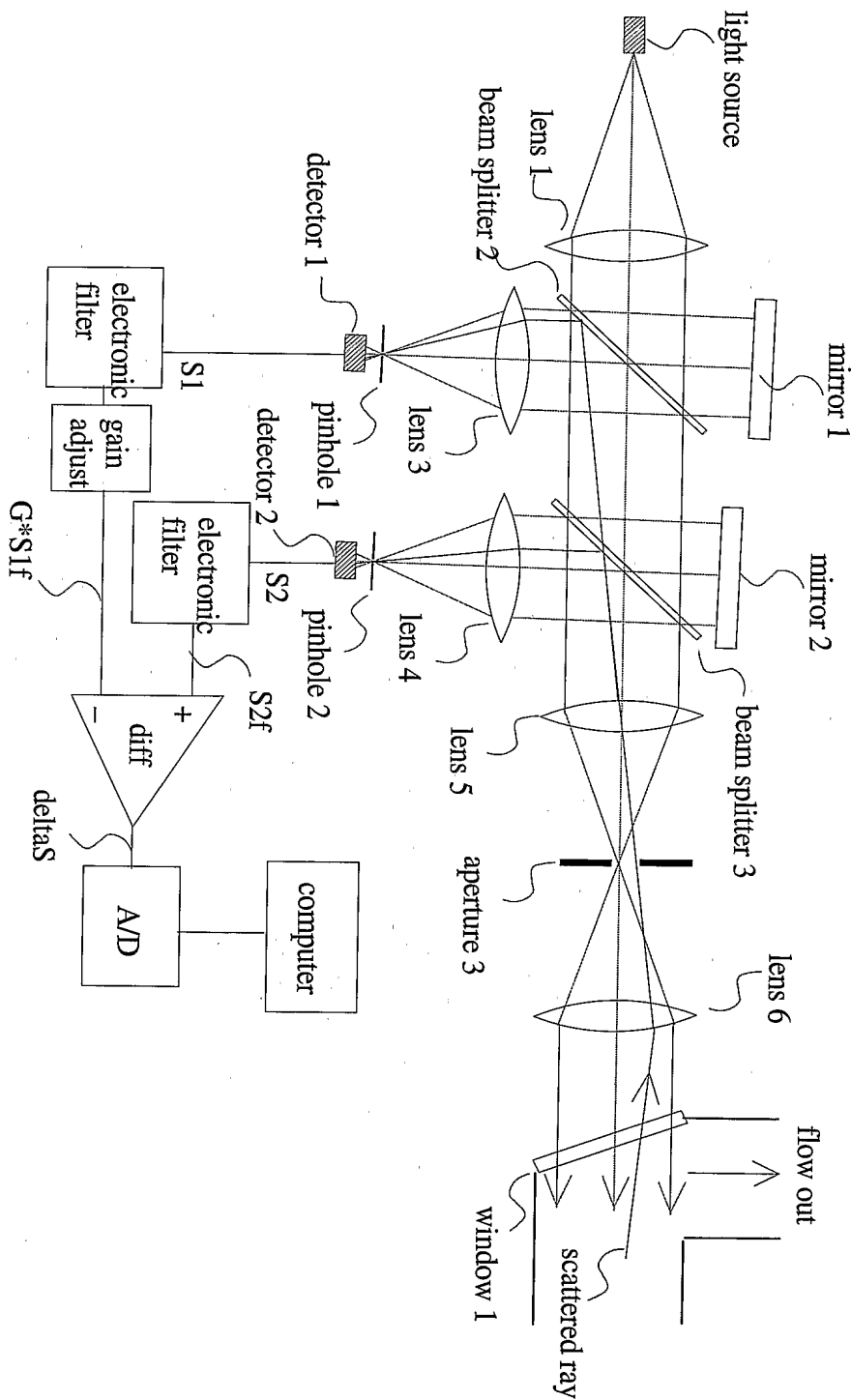


Figure B3

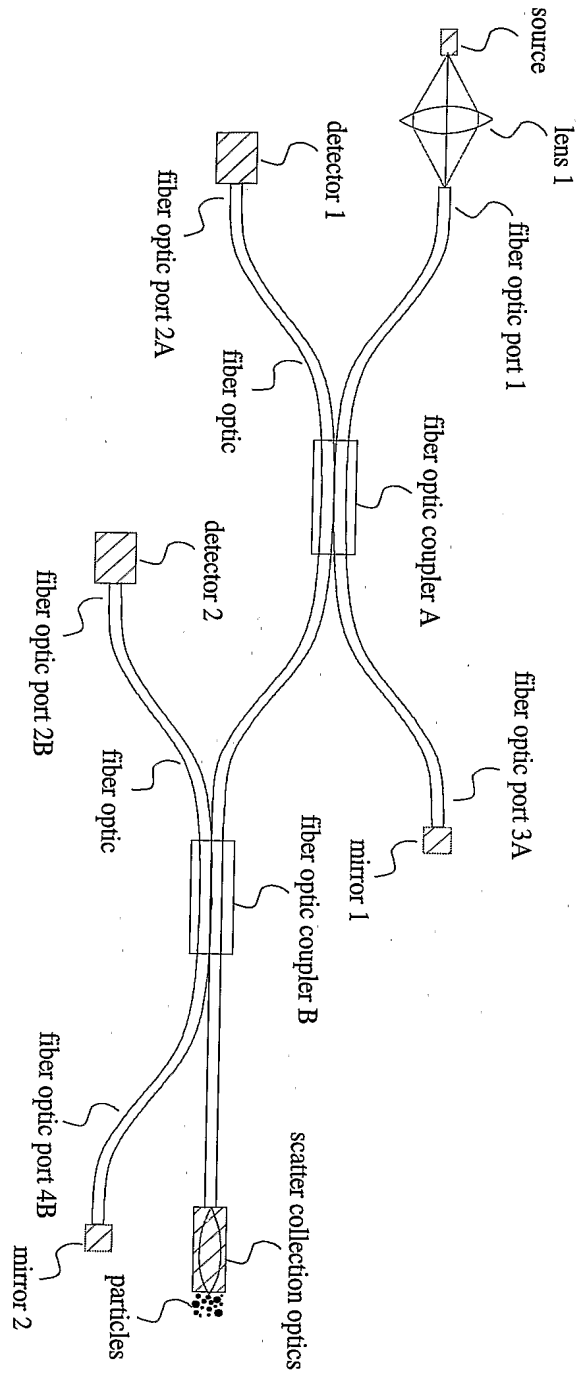


Figure B4

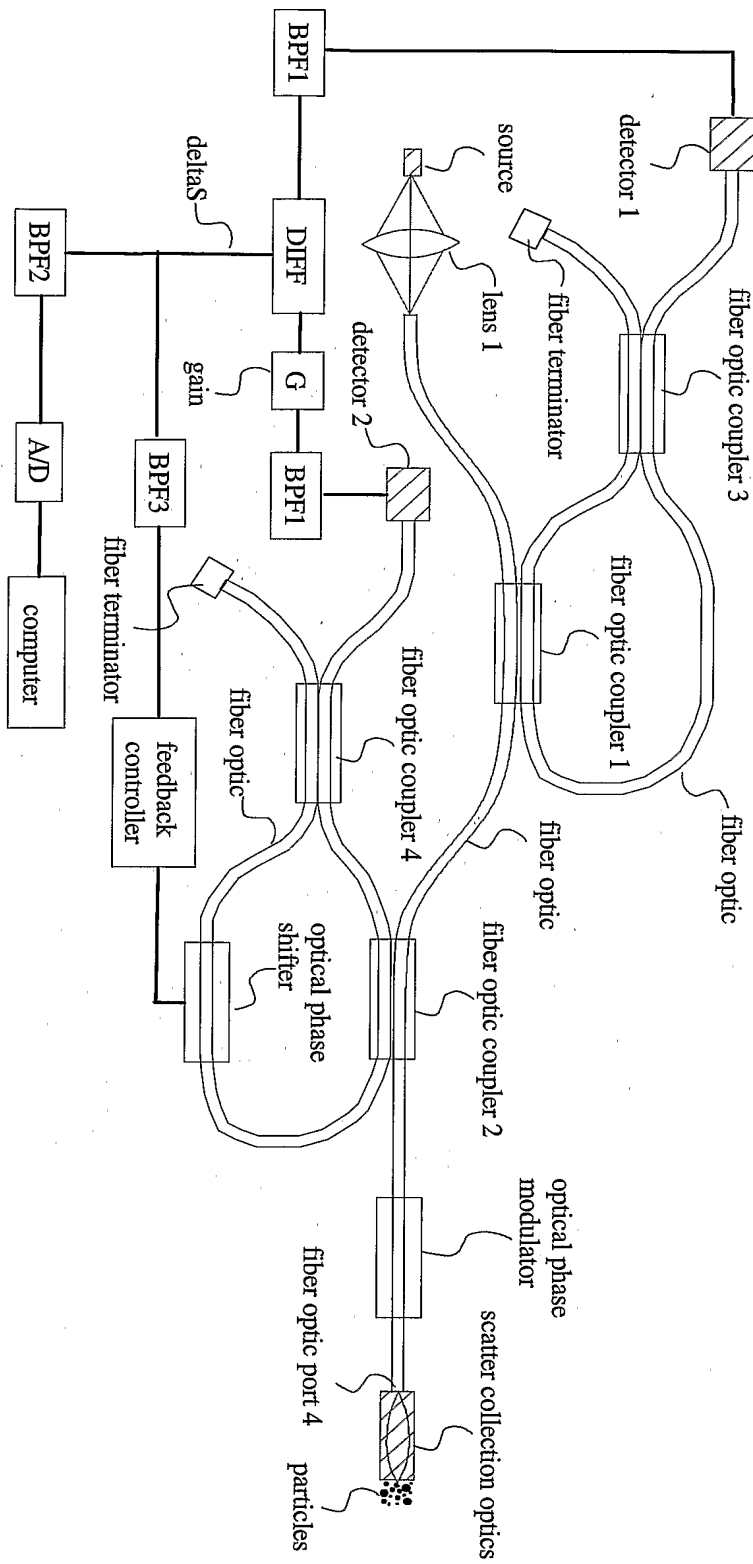


Figure B5

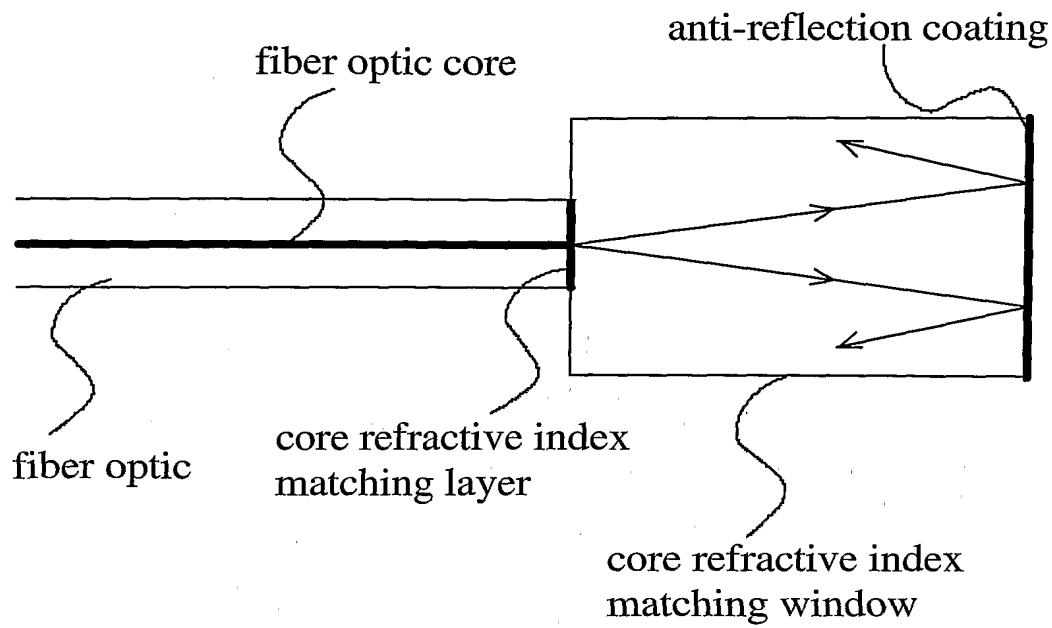


Figure C1

- optical phase
- electric field
- particle velocity
- analog to digital sampling switch

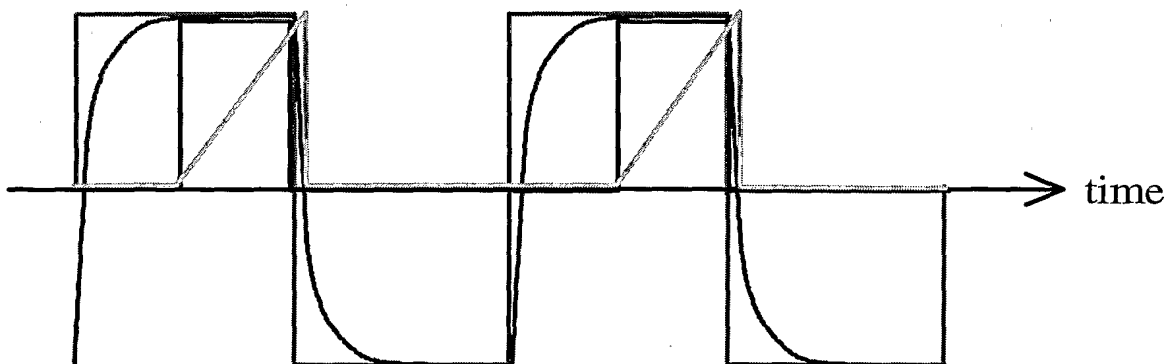


Figure C2

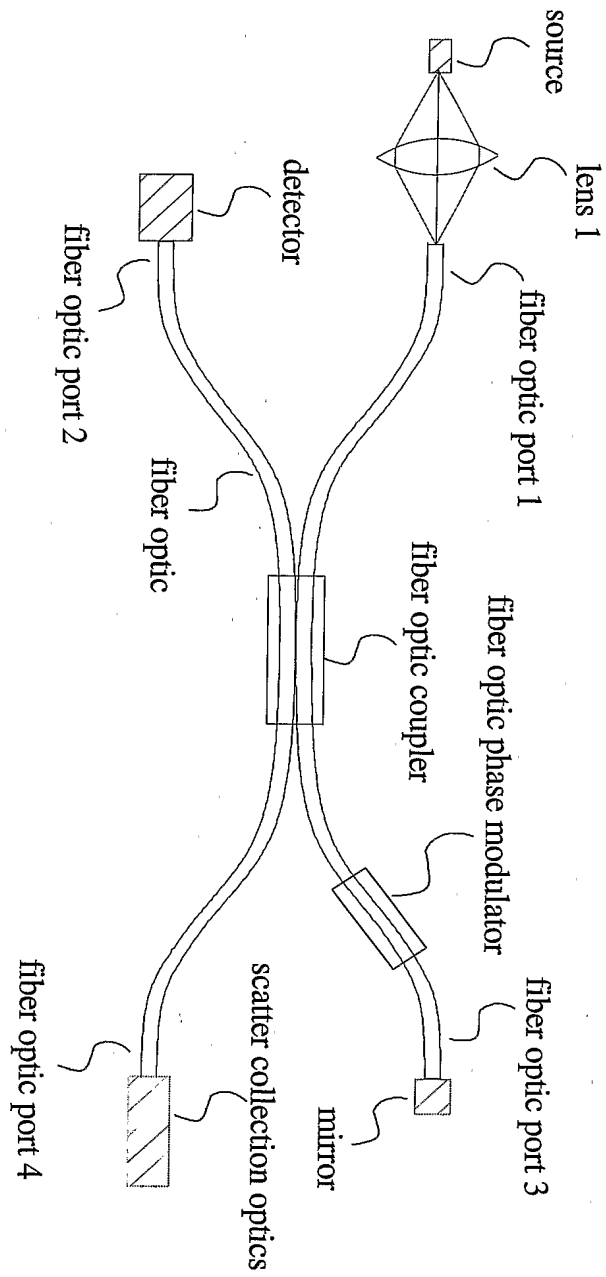


Figure C3

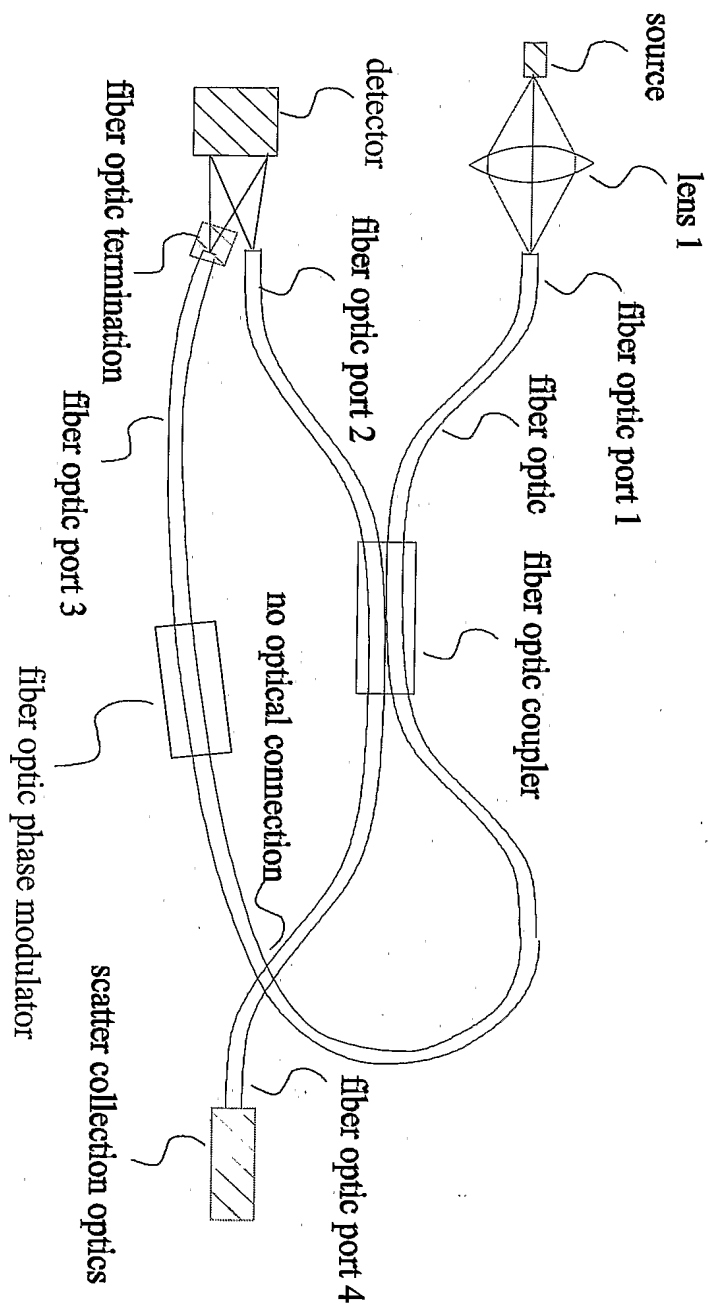




Figure C4

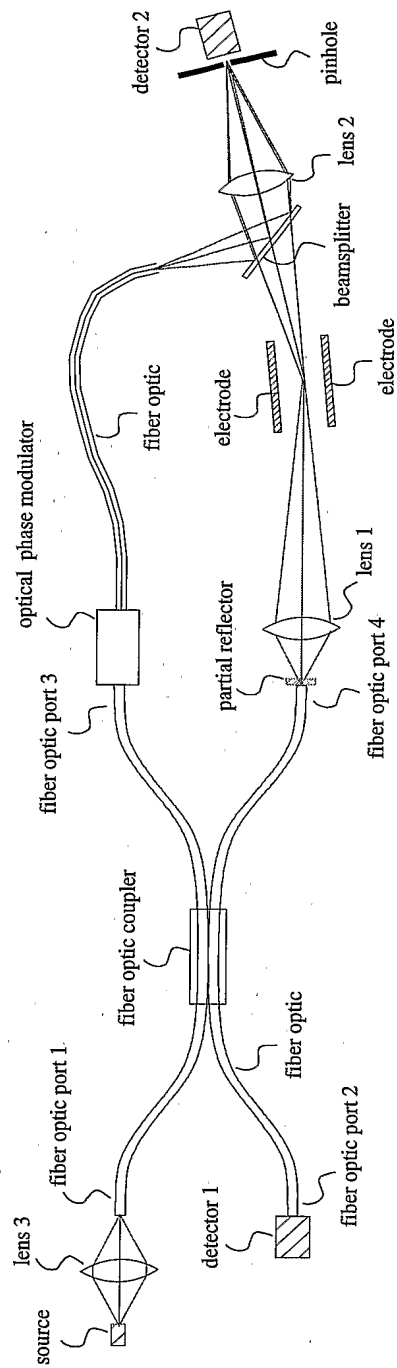


Figure D1

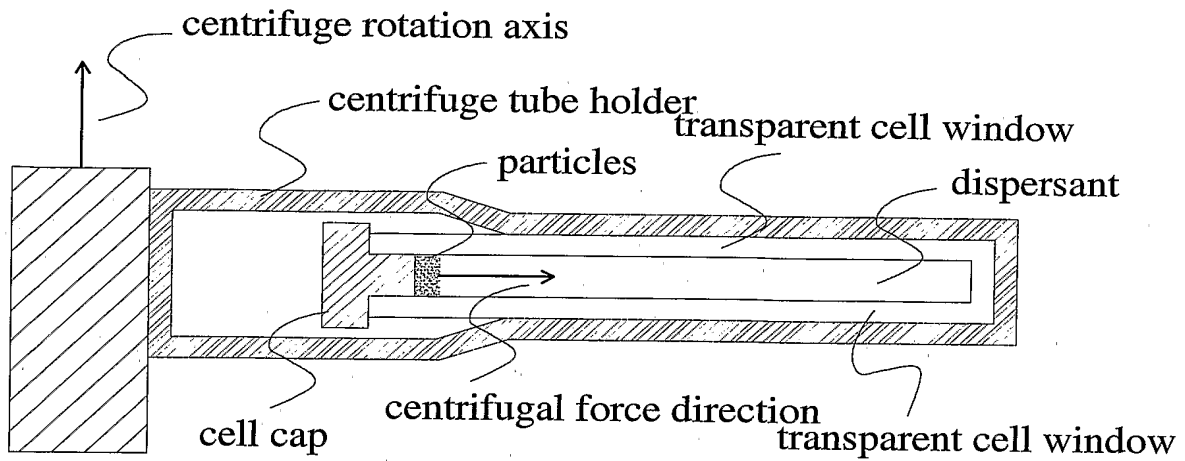


Figure D2

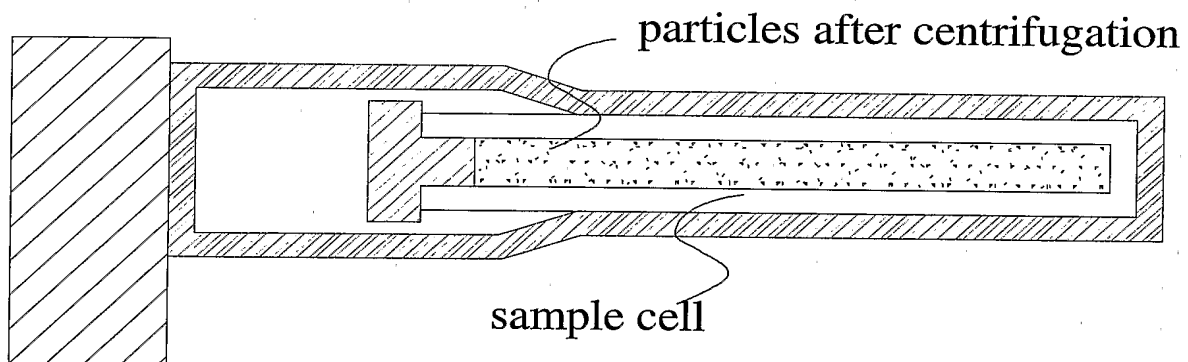


Figure D3

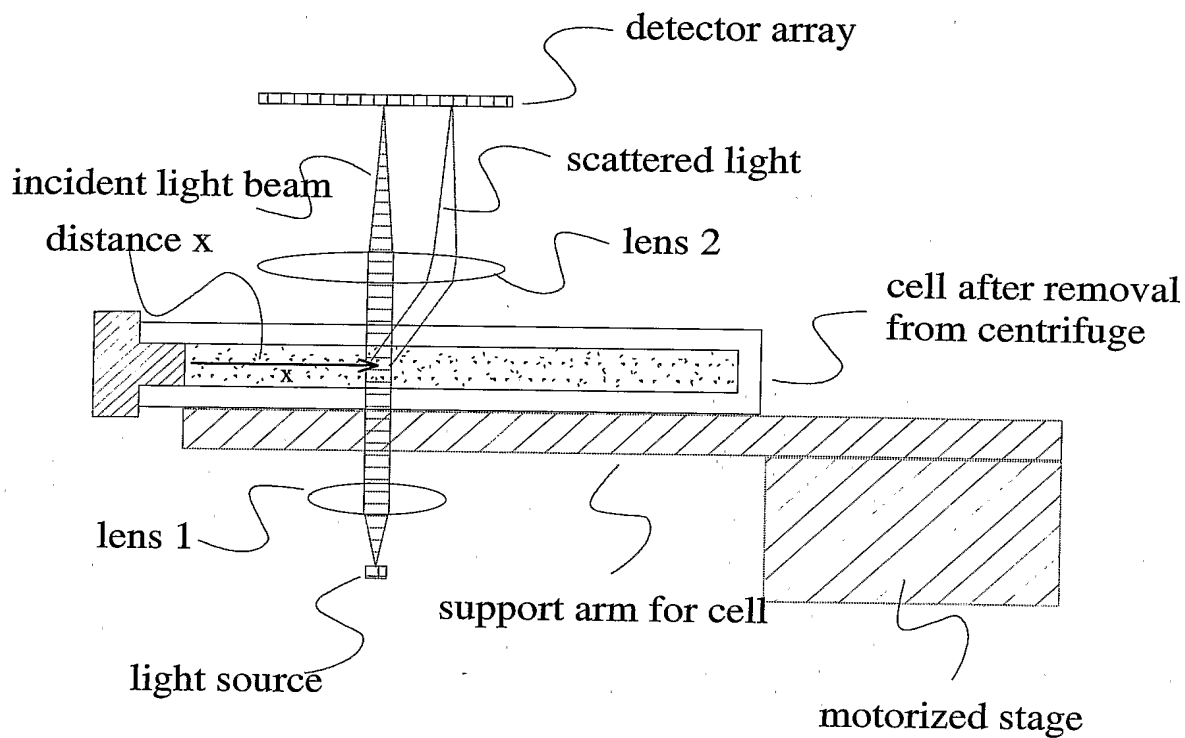
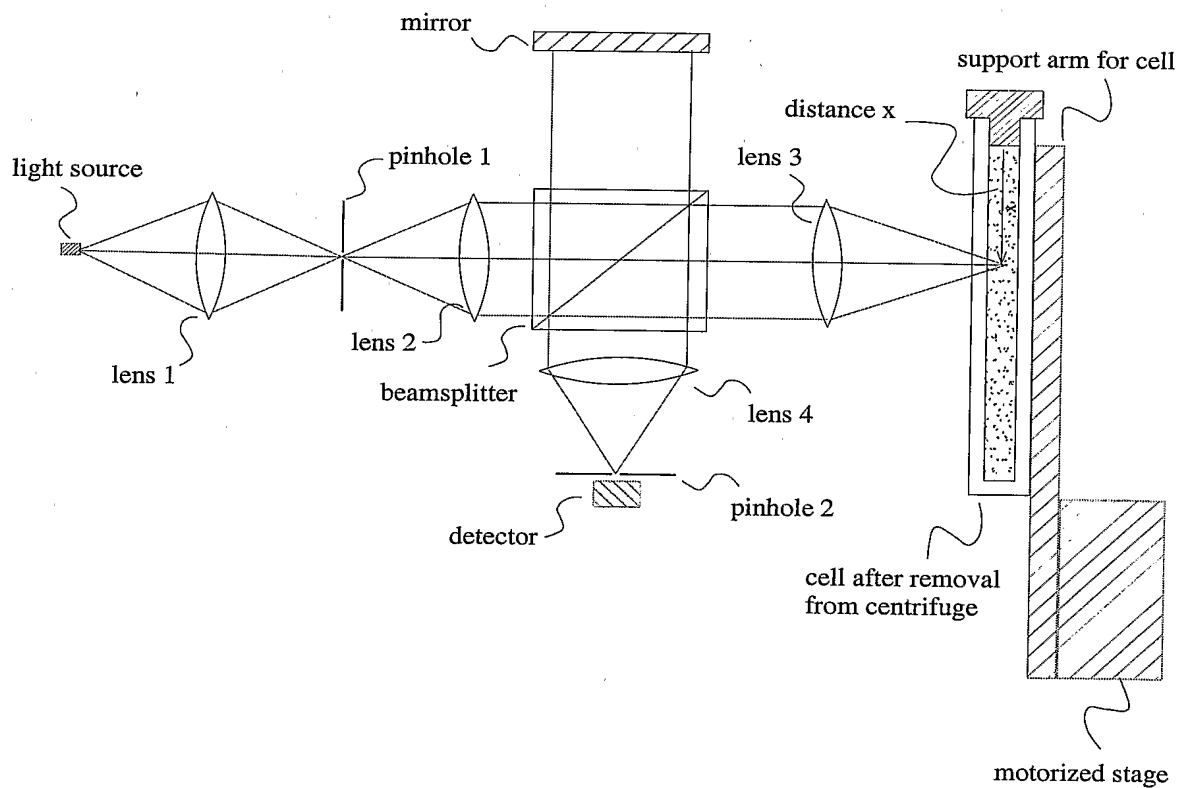


Figure D3B



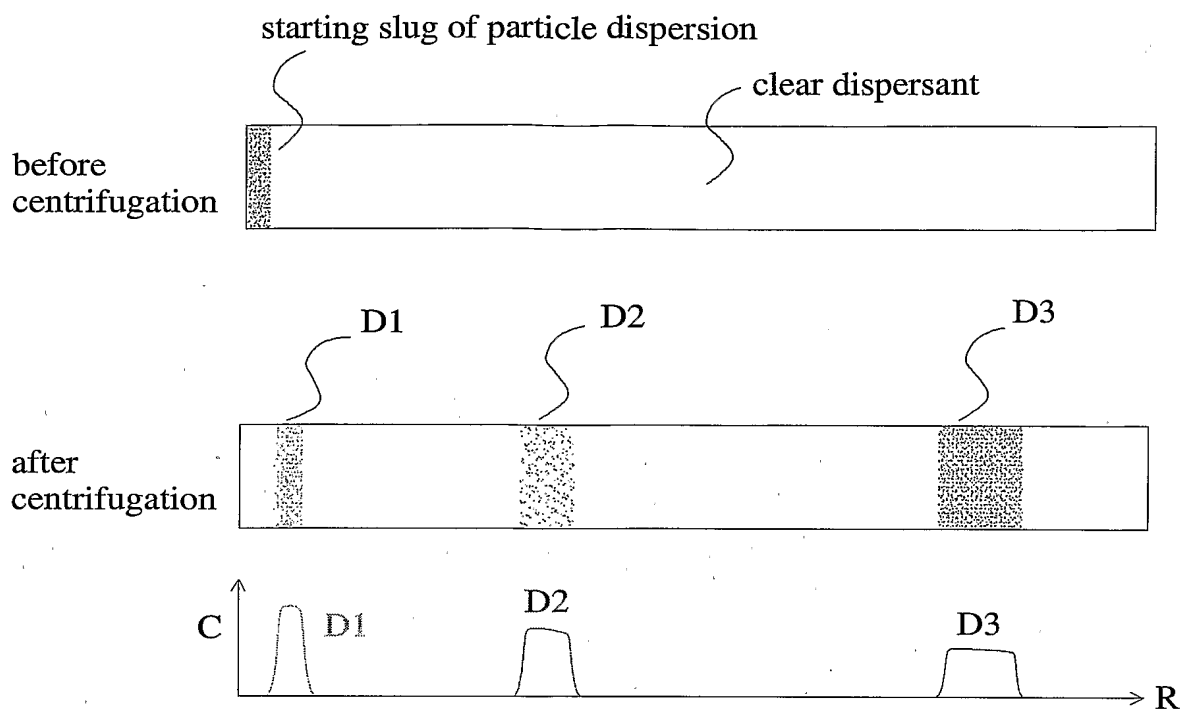
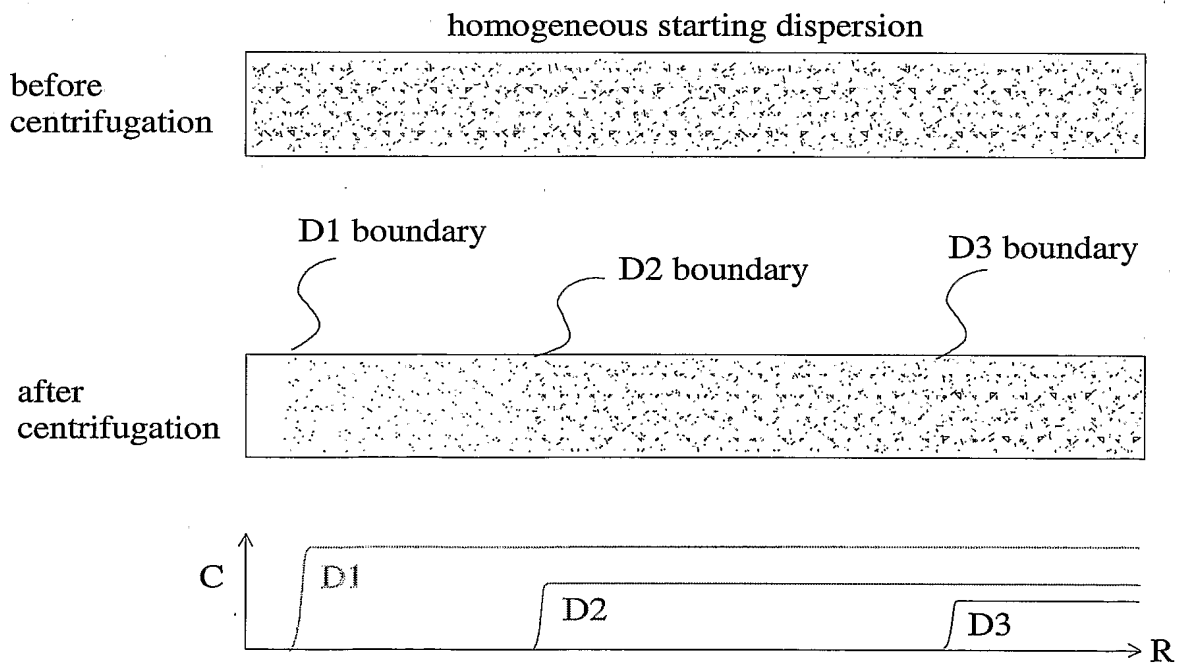
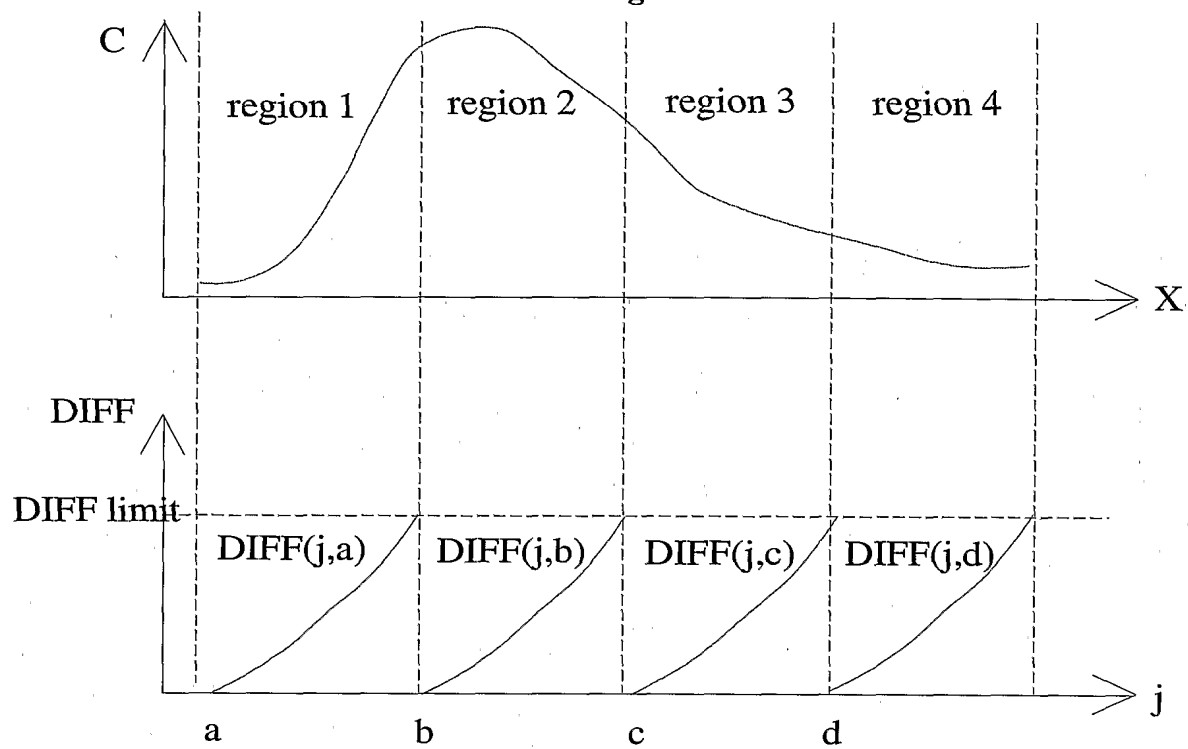
**Figure D4****Figure D5**

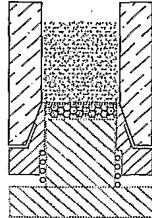
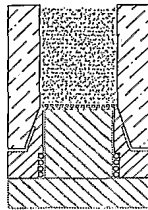
Figure D6



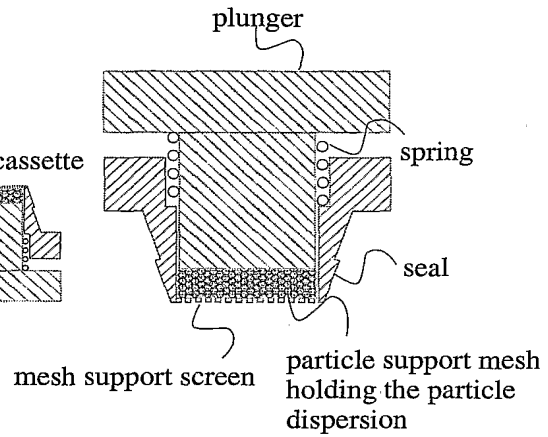
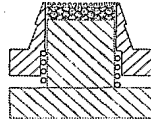
**Figure D7a**

cassette and loading cell  
filled with particle dispersion

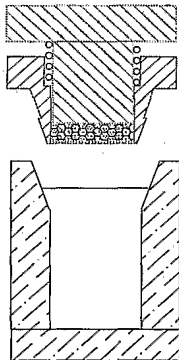
extraction into cassette



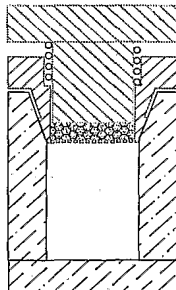
loaded cassette

**Figure D7b**

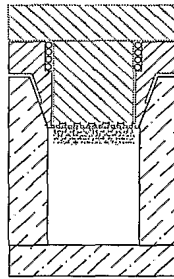
cassette insertion into  
centrifuge cell filled with  
clean dispersant



loaded cell



injection of particles  
into the clear dispersant



injected dispersion after  
centrifugation

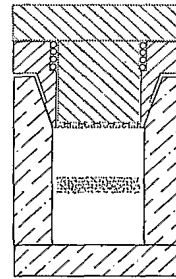


Figure D8

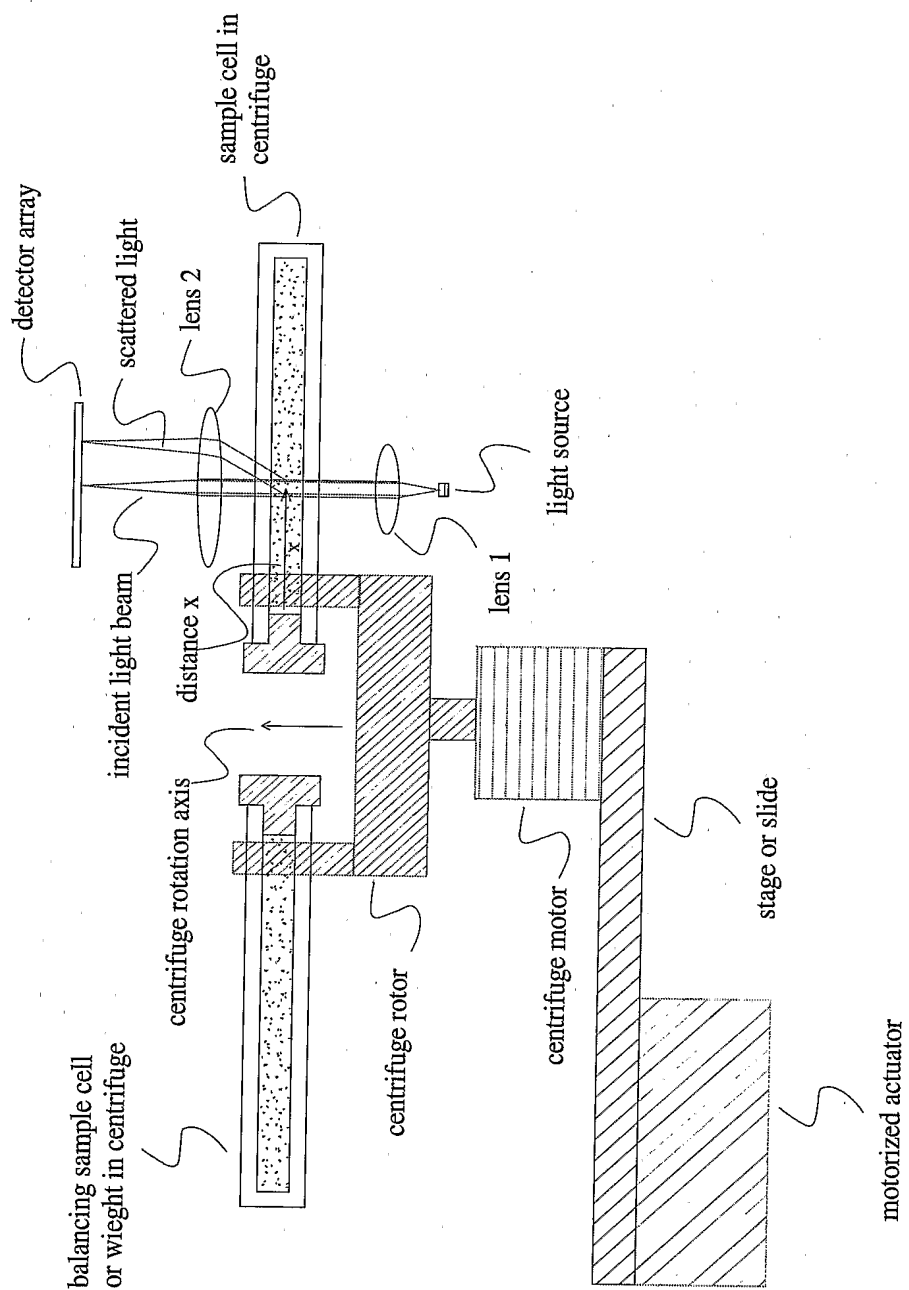


Figure D9

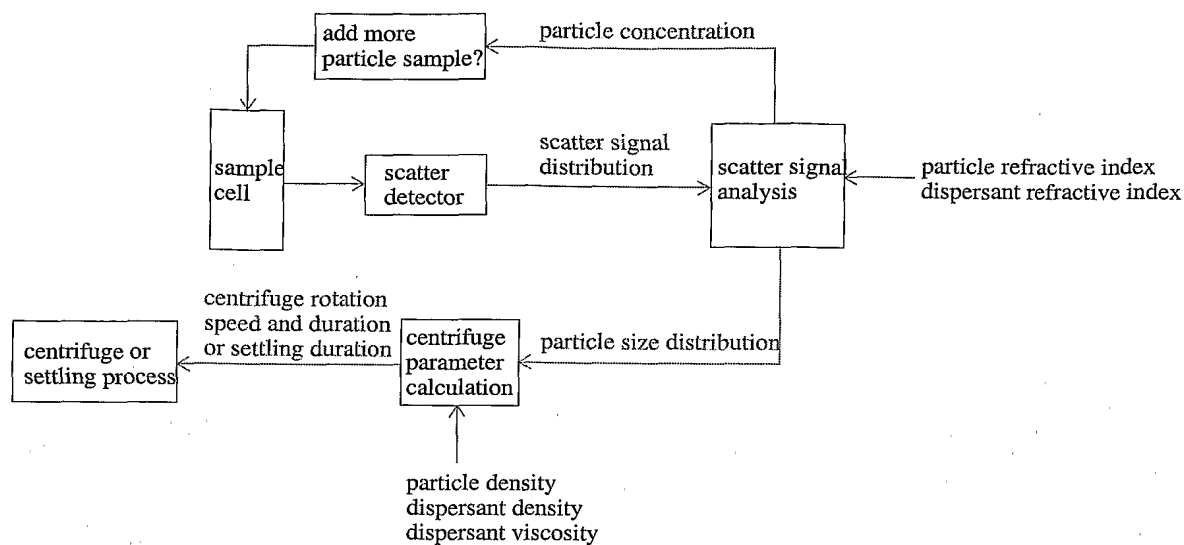


Figure D10

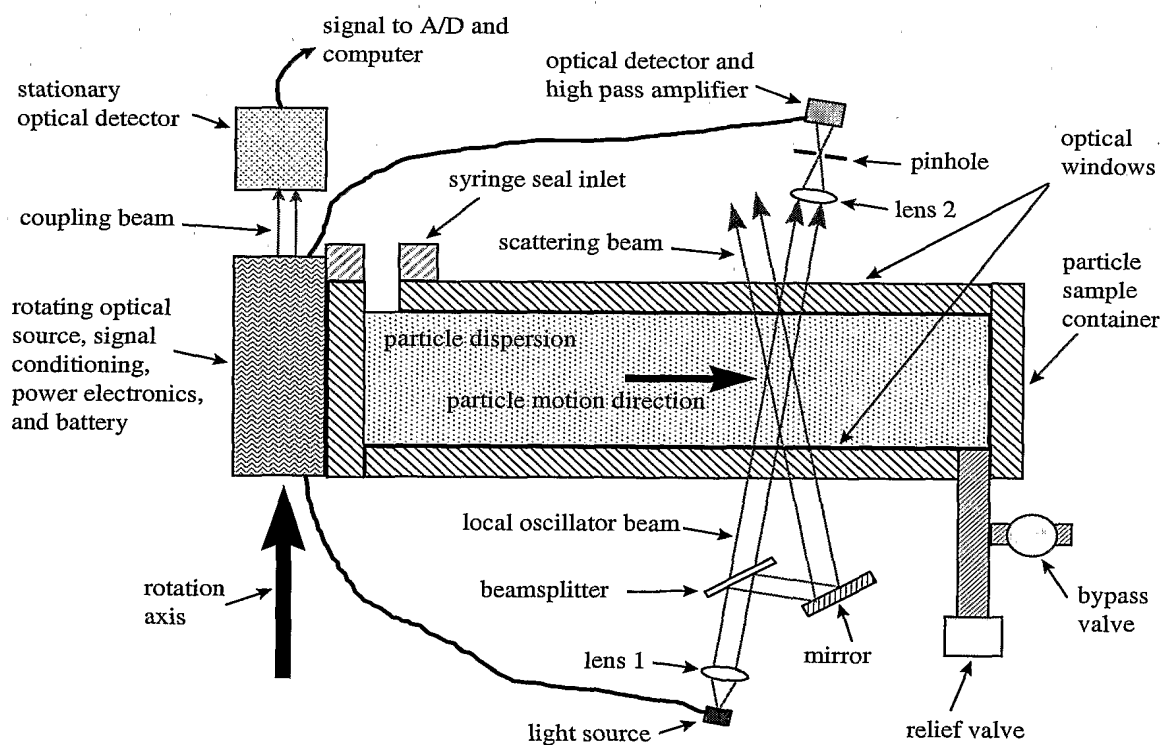




Figure D11

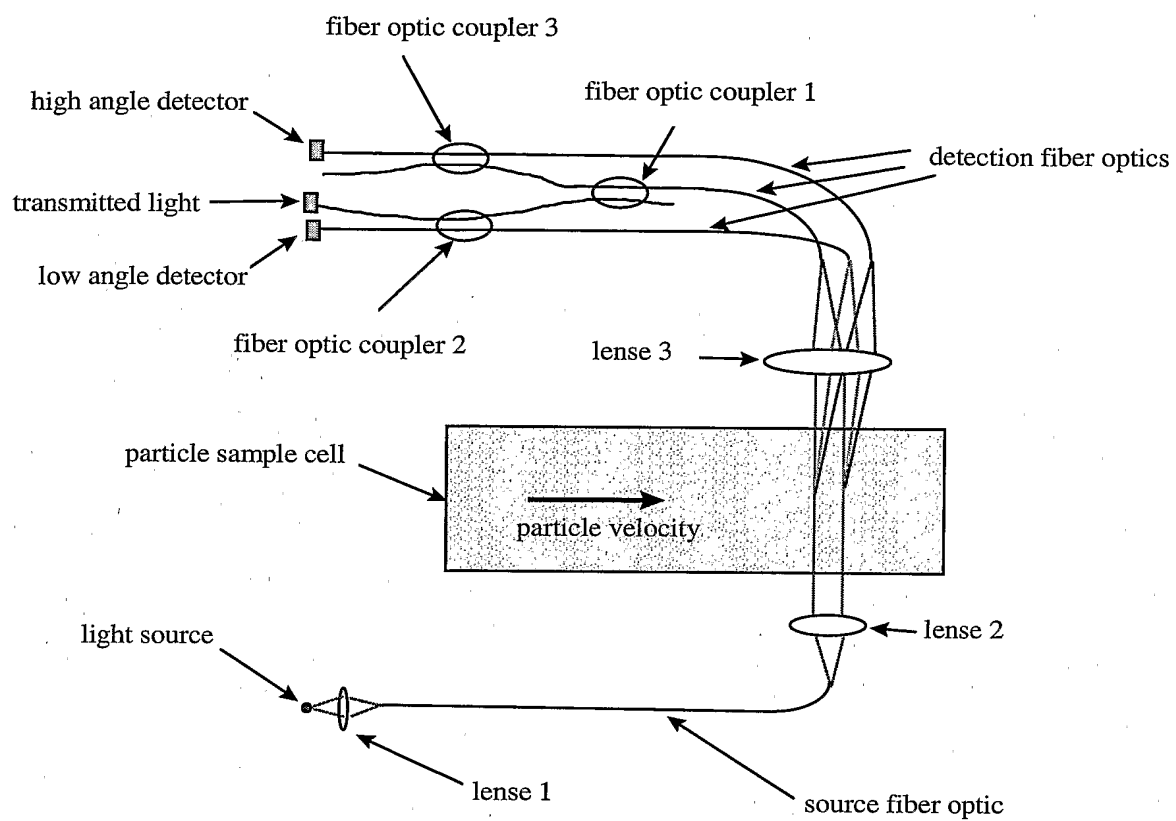


Figure D12

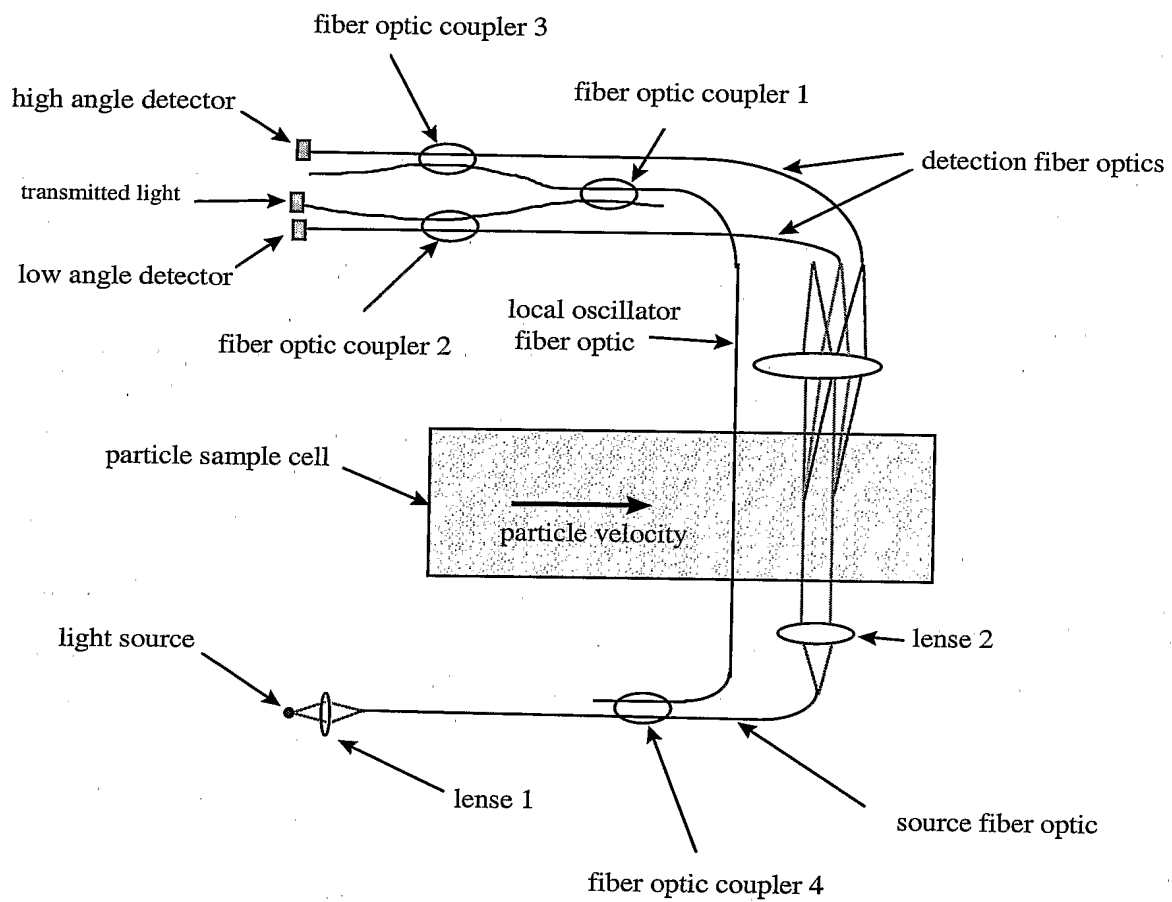


Figure D13

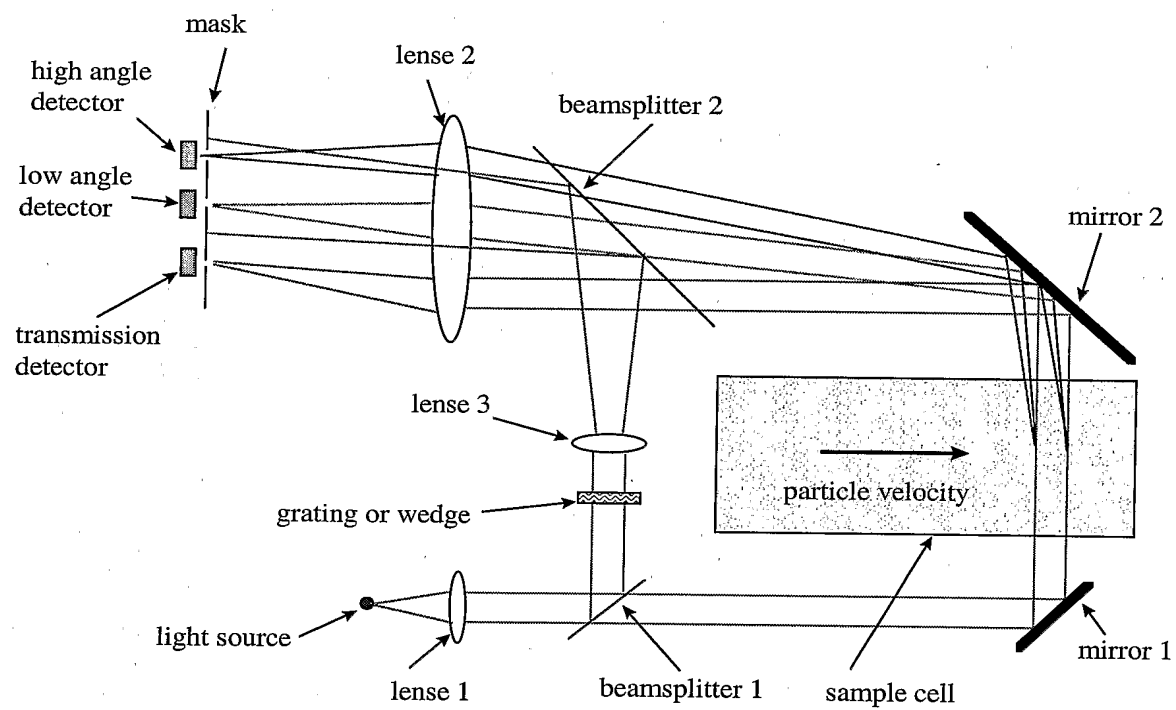
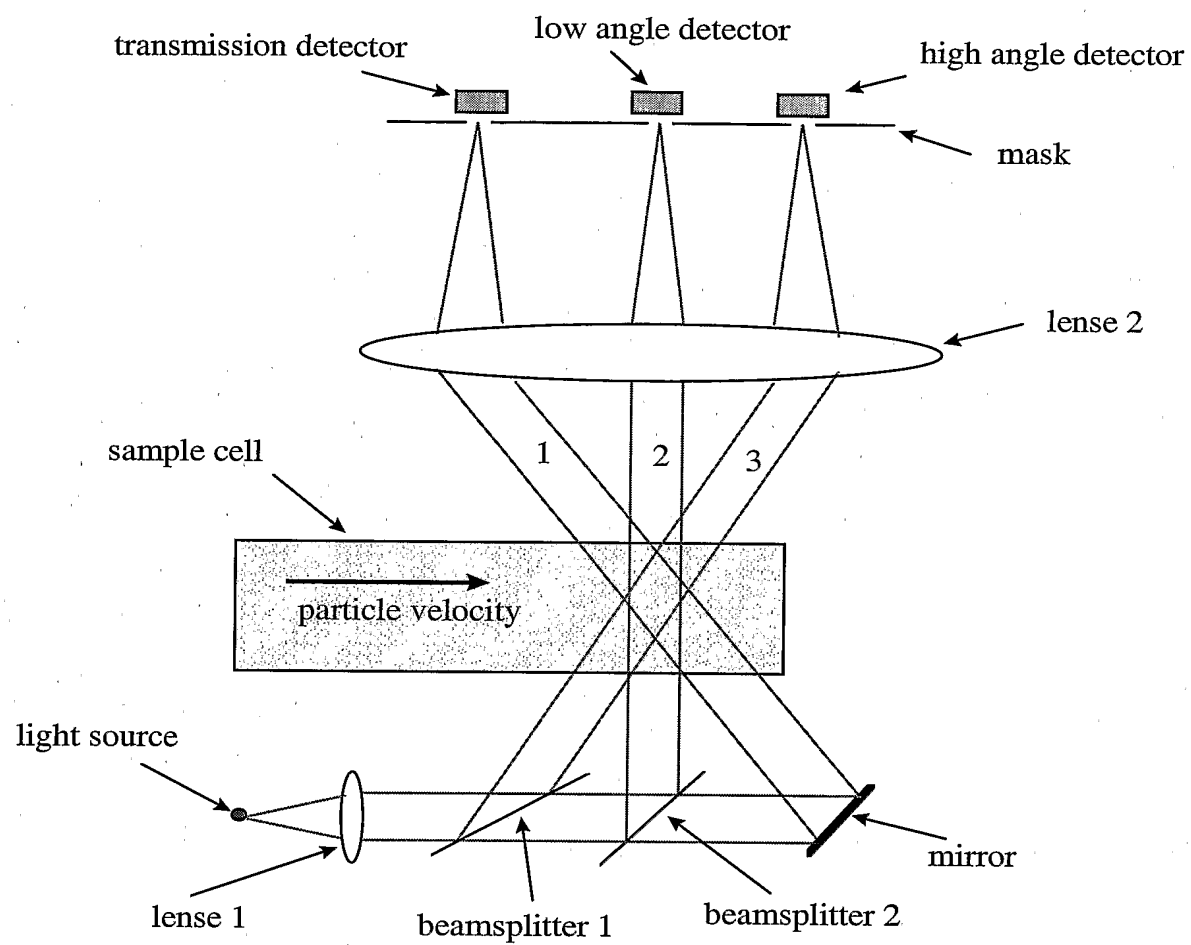
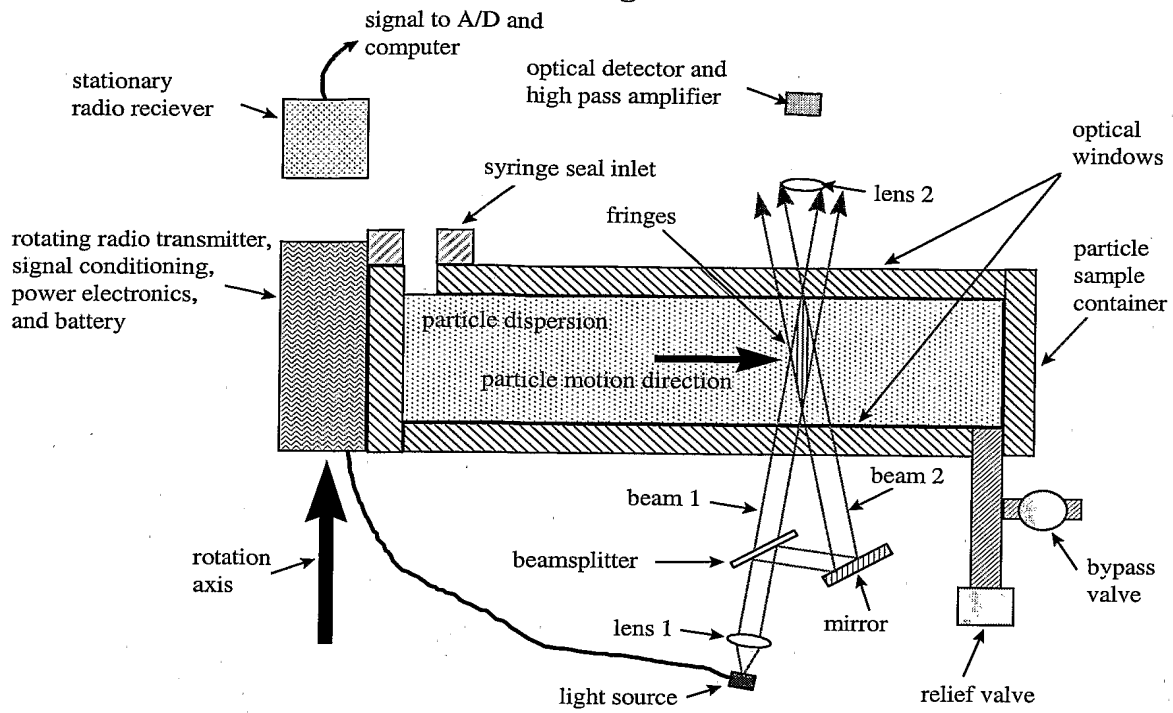
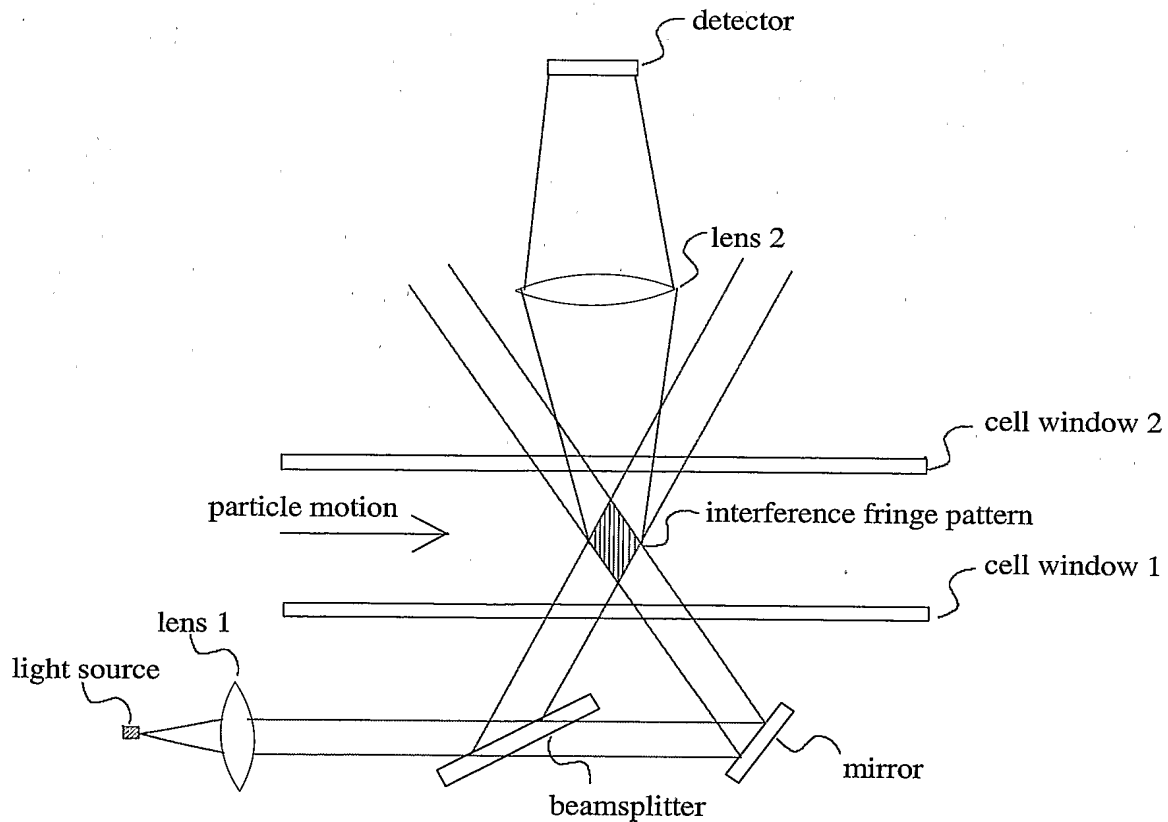
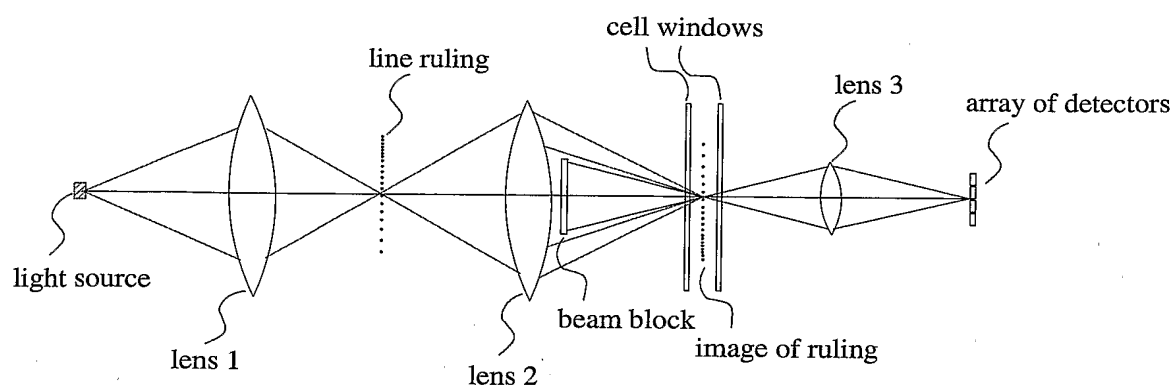
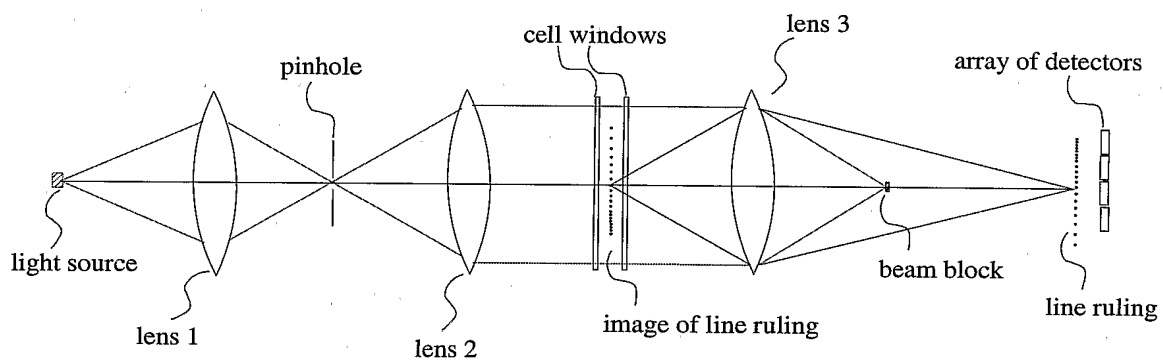
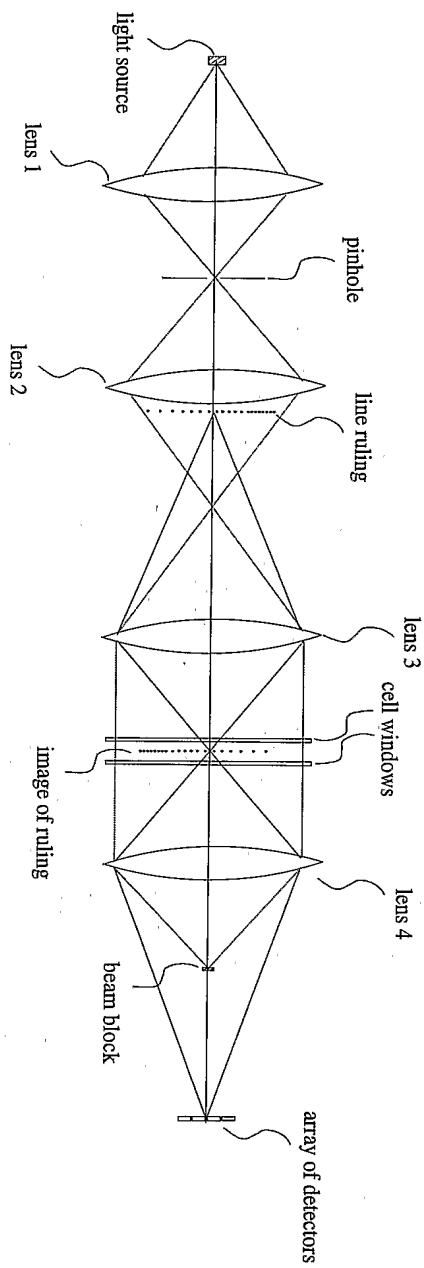


Figure D14



**Figure D15****Figure D16**

**Figure D17****Figure D18a**

**Figure D18b**

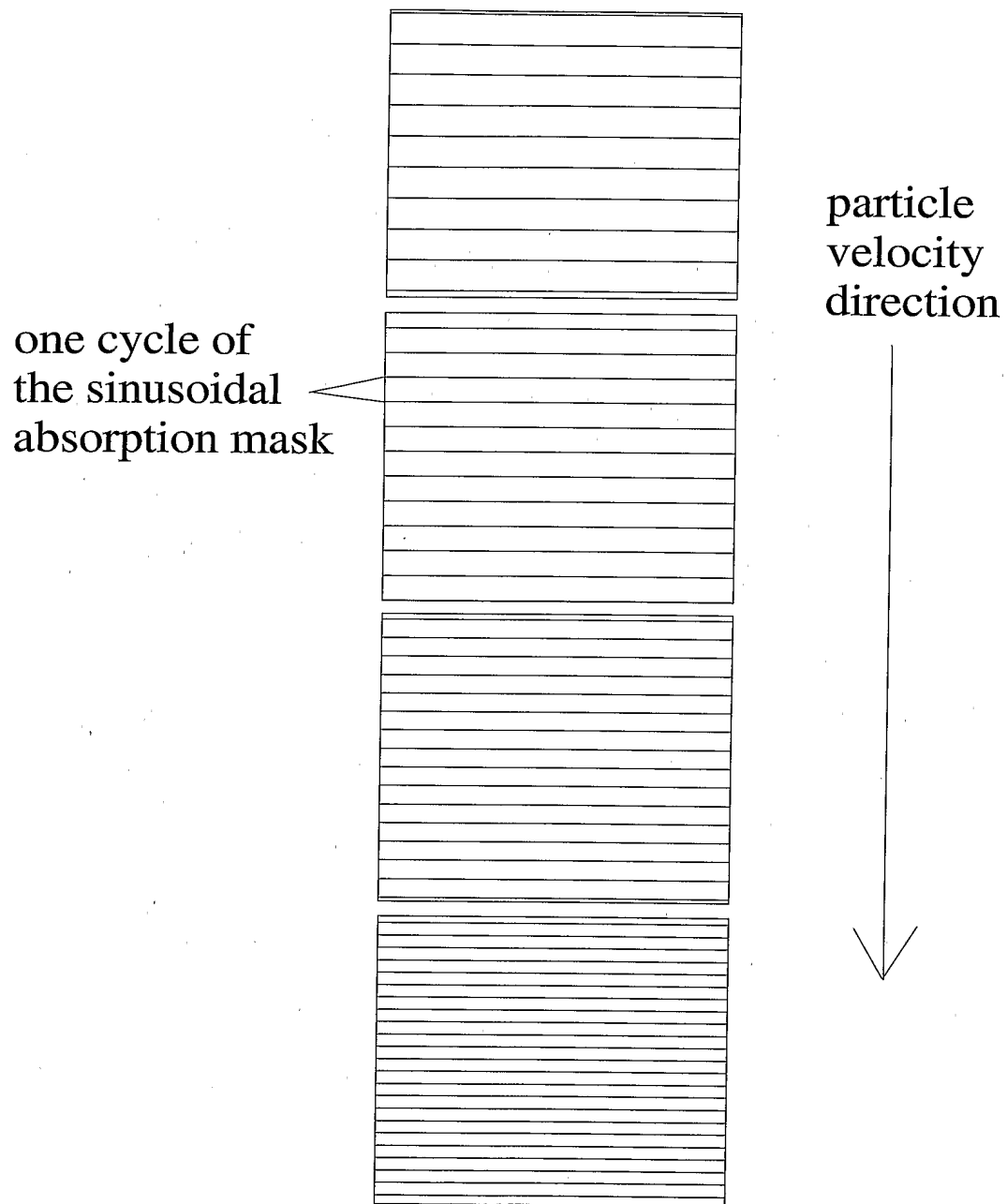
**Figure D19**



Figure D20

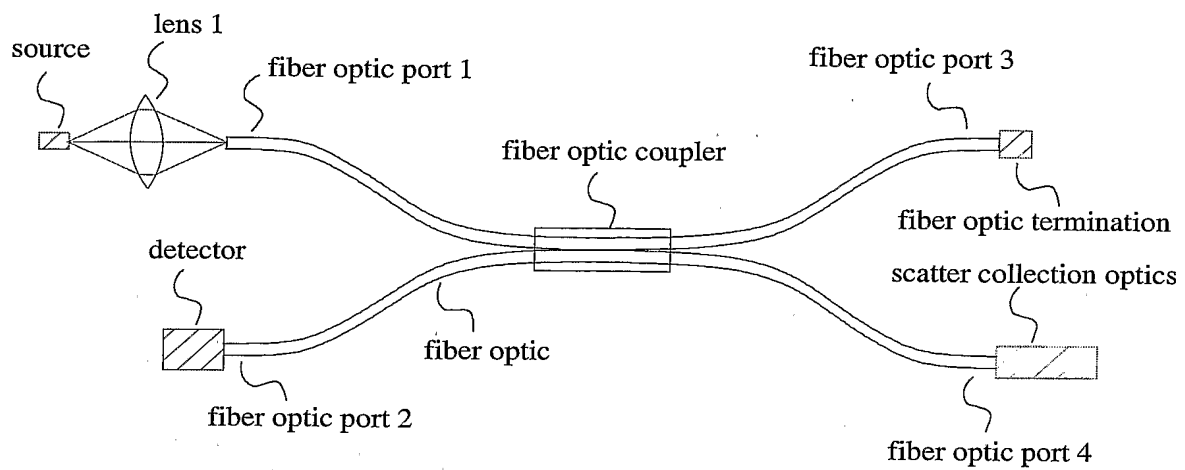


Figure D21

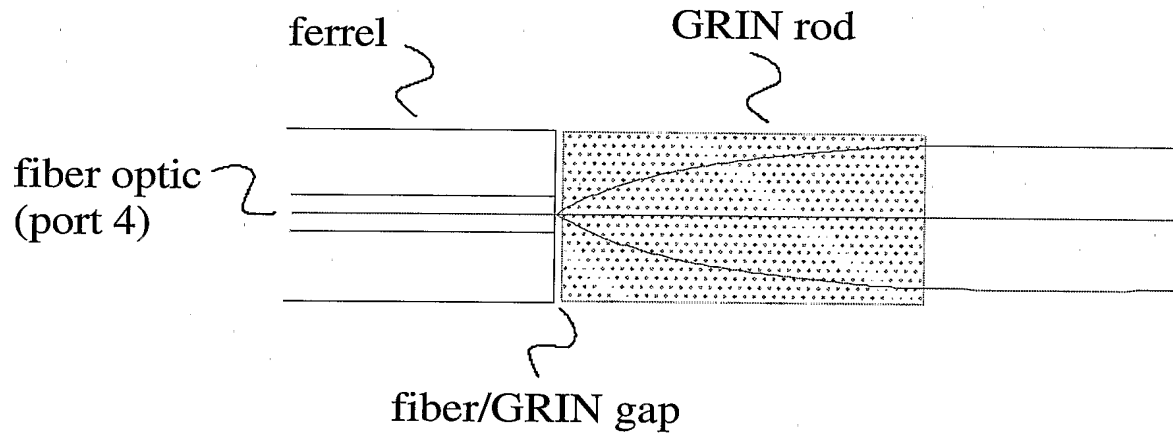


Figure D22

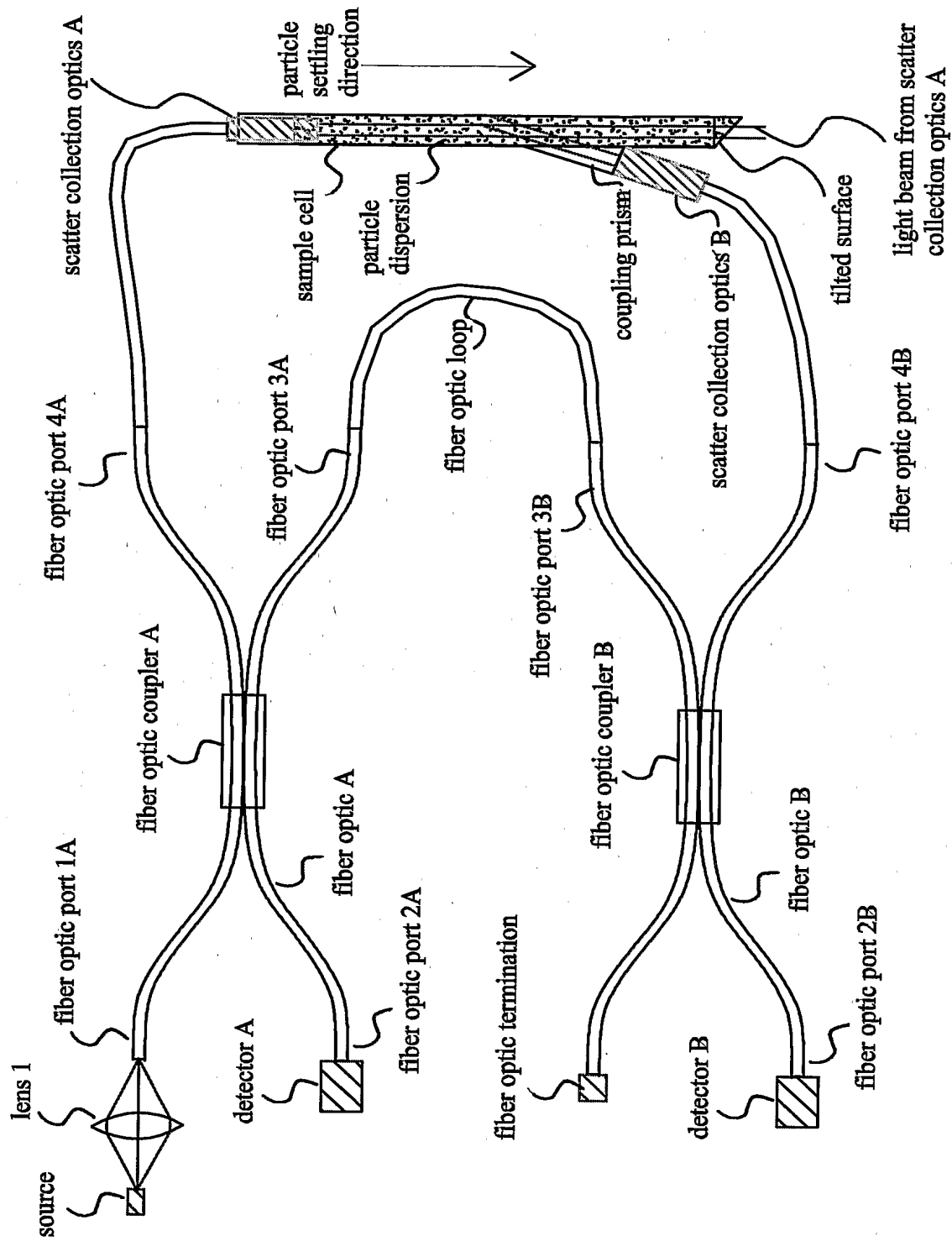


Figure D23

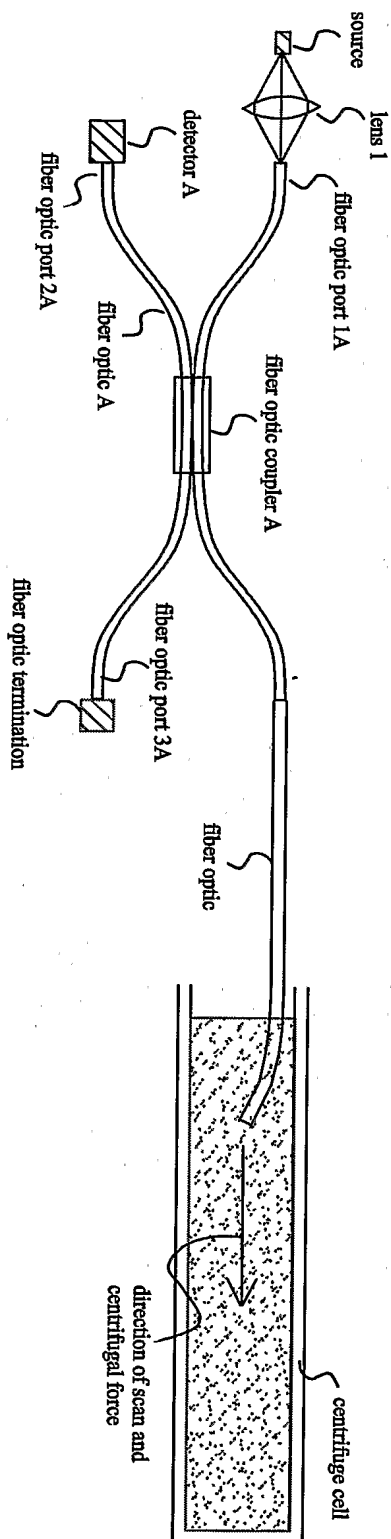


Figure D24

